AC-115

Compact Networked Single-Door Controller Software Manual





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Notice and Disclaimer

This manual's sole purpose is to assist installers and/or users in the safe and efficient installation and usage of the system and/or product described herein.

BEFORE ATTEMPTING TO INSTALL AND/OR USE THE SYSTEM, THE INSTALLER AND THE USER MUST READ THIS MANUAL AND BECOME FAMILIAR WITH ALL SAFETY REQUIREMENTS AND OPERATING PROCEDURES.

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- ROSSLARE exclusive warranty and liability is limited to the warranty and liability statement provided in an appendix at the end of this document.
- This manual describes the maximum configuration of the system with the maximum number of functions, including future options. Therefore, not all functions described in this manual may be available in the specific system and/or product configuration you purchased.
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- All wiring diagrams are intended for reference only, the photograph or graphic of the PCB(s) are intended for clearer illustration and understanding of the product and may differ from the actual PCB(s)

1. Introduction

Thank you for purchasing the AC-115 single door, self-contained access controller and AS-115 PC software.

The AC-115 is an advanced single door controller capable of being networked with up to seven more AC-115s.

A single AC-115 can be used without PC Software. Programming the AC-115 without the PC software (local programming) is accomplished via the AC-115's membrane keypad. However, there are many features that can only be set by the AS-115 PC software.

The PC software must be used when more than one AC-115 is joined in a network of doors.

This manual explains how to install and use the AS-115 PC software with one or more doors.

This section describes this manual, and how to choose the right operating system and the necessary hardware required to use your AC-115 system.

The topics in this chapter are:

- How to Use this Manual
- Minimum Requirements
- Installing the AS-115 PC Software

This manual refers to the AS-115 software version 33.9.08 and above.

Note

1.1 How to Use this Manual

The manual is constructed in a step-by-step format but can also be used as a quick reference guide.

Installers who are new and unfamiliar with the setup procedure should read this manual from cover to cover and should read each chapter in the order that it is presented. However, if you are already familiar with the AC-115, this manual can be used as a quick reference guide in order to fine tune your knowledge about the AC-115 system.

A PDF of this manual can also be found on the AS-115 PC Software installation CD.

1.2 Minimum Requirements

To install the software, you need a minimum of 300MB available on your hard disk.

Your PC also requires an available Serial Port (9-pin connector).

Introduction

The AS-115 software functions in English on any PC using the following Operating Systems:

- Windows 95/98/ME
- Windows NT/2000
- Windows XP/2003 server

There are, however, some special considerations to take into account when using the AS-115 multi-language support feature.

See Appendix A for a list of languages supported by the AS-115 software.

1.3 Installing the AS-115 PC Software

The installation of the AS-115 PC software package from the CD-ROM is a mostly automated process done by an installer program.

To install the AS-115 software:

- 1. Close all applications.
- 2. Insert the AS-115 PC software CD into the CD drive.

If the AS-115 setup wizard does not start automatically, click **Start** on the Windows taskbar, and click **Run**. Enter "D:\Setup", where D is the letter that corresponds to the CD drive.

For example, if your CD drive is the E drive, enter **E:\setup**.

The following window opens:



- 3. Click **Next** to continue with the installation.
- 4. Choose the Destination Location:

The installer prompts you to enter the destination location for the installation. This is where the AS-115 PC software is stored on your hard disk.

Introduction

AC115 Setup	
Choose Destination Location Select folder where Setup will install files.	124
Setup will install AC115 in the following folder.	
To install to this folder, click Next. To install to a another folder.	different folder, click Browse and select
- Destination Folder	
C:\Program Files\Rosslare\AC115	Browse
InstallShield	
	< Back Next > Cancel

5. Click **Next** to accept the default installation location and continue with the installation or click **Browse** to change the installation location.

The Select Program Folder screen opens.

AC115 Setup	X
Select Program Folder Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.	
Program Folders:	
Access Control AC115	_
Existing Folders:	
Activity Tools Activity Tools Activity Tools Activity Tools Activity Activi	
InstallShieldCancel	

This window determines where the AS-115 PC software appears in the Windows Start menu.

6. Select a program folder and click **Next**. The *Start Copying Files* screen opens.

AC115 Setup	X
Start Copying Files Review settings before copying files.	No.
Setup has enough information to start copying change any settings, click Back. If you are sat copying files.	the program files. If you want to review or isfied with the settings, click Next to begin
InstallShield	< Back Next > Cancel

7. Click Next.

The installation begins.

When the installation is complete, the *InstallShield Wizard Completed* screen opens



8. Click **Finish** to complete the installation.

2. Getting Started

Now that you have successfully installed the software, you are ready to start using it. However, before you begin using the software, it is important to make sure the AC-115 hardware is attached correctly.

This chapter explains how to attach the AC-115 hardware to a PC and check to make sure that the communication between the AC-115 and the PC is working properly.

To do this, you will learn how to login to the software and how to set up your serial port (COM port) and you will get a brief introduction to the software's Main Window.

The topics in this chapter are:

- Connecting the AC-115 to your PC
- Starting the Software and Logging In
- Introduction to the Main Window
- Configuring the Serial Port (COM Port)
- Setting Up Your Preferred Language
- Setting Up Operators
- Maintaining the PC Software Database

2.1 Connecting the AC-115 to your PC



It is assumed that you have already installed the AC-115 hardware.

This section describes how to wire the AC-115 to the PC. To do this, you need an RS-485 to RS-232 converter cable (Rosslare Model Number MD-14), which can be ordered from your Rosslare Security products supplier (Figure 1).

The new MD-14U cable can also be used in place of the older MD-14 cable.

Note



Figure 1: MD-14 Cable (RS-232 to RS-485 Connection)

The MD-14 has two connecters:

- RS-232 Connector
- RS-485 Connector

The AC-115 does not require a connector on the RS-485 side of MD-14 cable.

2.1.1 Preparing your MD-14 for Use with the AC-115

This is a brief set of instructions on preparing the MD-14 for the AC-115. When you receive a new MD-14, the RS-485 connector should look like the following.

Figure 2: New MD-14



Cut the connector off and remove about 3 inches (7 cm) of cable shielding and strip the ends of the four wires about a quarter of an inch (5 mm).



2.1.2 Connecting the MD-14 to the AC-115 and your PC

Attach the MD-14 to the AC-115 according to Figure 4 and Table 1.

Figure 4: MD-14 to AC-115 Connection



Controller	Color	
+V	Red	
(-)	Black	
L1	Orange	
L2	Brown	

You have now correctly attached the MD-14 to the AC-115 and to your PC serial port (COM Port).

2.1.3 Connecting More than One AC-115 to the PC

Figure 5 shows how to connect more than one AC-115 to the PC in order to build a multi-door AC-115 network. Note that you need only one MD-14 for the whole network. Once wired and powered, you must set the Door Numbers of the AC-115's in the network.



Figure 5: Multiple AC-115 to PC

2.1.4 Setting Up Door Numbers for Multi-Door AC-115 Network

It is very important to assign unique Door Numbers to each AC-115 in the network.

The Door Number correctly identifies the hardware when they communicate through the serial port. You need to remember the Door Numbers you assign when you are setting up the software.

Door Numbers can only be programmed from the 3x4 matrix keypad of the AC-115 controller and not from the PC. This is called "local programming".

Local programming is covered in extensive detail in the AC-115 Hardware Installation and Users Guide.

Figure 6 shows the layout of the AC-115 keypad.



• The DOOR LED is used to assist navigation through the local programming menu.

• The MODE LED indicates the current mode of operation of the AC-115. It also assists navigation through the local programming menu.

• This is the 3x4 matrix keypad. It has buttons from "0" to "9" that are used when entering programming settings and when entering Personal Identification Numbers (PIN).

• The "*" key is the bell button.

• The "#" key is used for entering or exiting local programming mode.

Refer to the *AC-115 Hardware Installation and Programming Manual* for how to program the Door Number.

Once you have programmed the Door Number, you are now ready to start using the PC software. After you learn to log in to the software and get acquainted with the main screen, you can proceed to test the connection with the AC-115.

2.2 Starting the Software and Logging In

To start the software and log in:

1. Start the AS-115 PC software from the Windows "**START**" menu or by clicking the icon on the Windows desktop. You are prompted with the login window:



Getting Started

Operators of the software can be assigned to have different access rights to the software. Limits can be placed on which menus the user has access to. You will learn more about setting user levels later.

- 2. Enter the Name "admin" and Password "admin".
- 3. Click **OK**.

You have now successfully logged into the software as the operator named "admin".

The software now attempts to connect to the AC-115 using the default COM port setting. The default COM port setting is COM 1.

If COM 1 is not available (being used by some other software), the following window appears, informing you of the connection problem:



This means that you must change your COM port or make the COM port available by quitting/uninstalling the software that is keeping the COM port busy.

In the meantime, the software detects that you have no doors installed and the software operates in offline mode (see Section 3.1.2).

2.3 Introduction to the Main Window

Now that you have successfully logged in to the PC software, you are ready to make sure that your AS-115 software is communicating correctly with the AC-115. In this section, you will learn how to setup your Serial Port (COM Port) and make sure that your AC-115(s) are communicating.

Getting Started

After logging in, the software's main screen appears.

	iteliDoor Access Control Network - [Døwnload]		_ 0 🛛
File Yiew H	dp		
File Vere P P P P P P P P P P P P P P	Contract 15 Downloader Overland data han Picto Access control will take a her menter. To mar download data in Counting Num Butter Download Hore Download Hore	000 999 999	
OnLine		Operator: admin 23/07/07	17:37

Depending on the security access level of the user logging in, there are various options available for use.

The Menu Bar contains the following menu options: File, View, and Help.

AC-115 InteliDoor Access Control Network - [Download] File View Help

The Status Bar has four sections.

- Online/offline indicator
- Current user
- Date
- Time

💭 OnLine 📔

The Toolbar contains shortcuts to major menus and commands (Table 2).

Table 2: Toolbar

Operator: admin

23/07/07 17:37

Button	Functionality
·) Online	Activates a screen for Online messages
Employees	Manages the employee functions
Doors	All functions related to doors
	System settings

Button	Functionality
Reports	Configure and generate reports.
Download	Activates a screen for download of all data from the PC to the Access control.
≜ Exit	Exit the system.

2.4 Configuring the Serial Port (COM Port)

Now that you are a little more familiar with the software's Main Window, you are ready to set-up your Serial Port COM Port.

To configure the serial (COM) port

1. On the toolbar, click **Setting**. The *Settings* screen appears.



Getting Started

2. Click the **Options** tab. The *Options* screen appears.

	InteliDoor Access Co	ntrol Network - [S	atting]		
File View	Help				
- (*)	Time Zones	Holidays	Clock	System Codes	Options
Crine Employees Doors Setting Reports		unications testin	g doors connection.	e settings for cable com	
Download Exit	*	perators Use t featu	his option to grant or de es, and to change pass	ny operators access to f words and other setting	he program's
		sta Base Use t selec	his option to Import, Ex Back Up period and L	port, Compact and Refre ocation.	sh of Data Base,
Offine		Operator	admin	7/17/2007	10:46 AM

3. Click **Communications**. The *Communications* window opens.

Network Setup MD - 08 Setup Doors Connection Serial Cable Properties Select a port for serial cable communications: Select a port for serial cable communications:		×			
	Network Setup	MD - 08 Setup	Ţ	Doors Connection	
	Serial Cable Propertie	\$			
	Select a po		nunications	: 	
		Com Port	COM1	-	
	<u> </u>		OK	Cancel	
					_

- 4. On the **Network Setup** tab, choose the COM port connected to your AC-115 network from the dropdown.
- 5. On the **MD-08 Setup** tab, choose the COM port connected to your MD-08 (see Appendix B for more information).
- 6. On the **Doors Connection** tab, test the connection of each of the installed doors in the network.
- When you have completed entering your communication settings, click OK. The software attempts to connect to the equipment using the new settings.

2.5 Setting Up Your Preferred Language

See Appendix A on how to set your system's language.

2.6 Setting Up Operators

The AS-115 PC software supports multiple users, each with their own access rights to the various menus and options within those menus. Adding, removing, and configuring users and their access rights are accomplished from the Operators window.

2.6.1 Adding an Operator

1. Click **Setting** on the toolbar. The *Setting* screen appears.

🗎 AC-115 I	nteliDoor Access	Control Netv	rork -	[Setting]		
File View H	elp					
() (Time Zones	Holidays	Ŷ	Clock	System Codes	Options
Contre Contre Enclovees Doors Setting Reports Control Setting	I une Zones			Llock Description	System Lodes	
Offline	Op	erator: admin		7	/17/2007	10:43 AM

2. Click the **Options** tab. The *Options* screen appears.



3. Click **Operators**. The *Operators* window opens.

Operators		×
Operators	Use the list below to grant or deny operators access to the program's features, and to change passwords and other	
admin	settings.	
engin secur	Engineer setting Guard setting	
A	Id Properties	
	Close	

4. Click Add. The Add New Operator window opens.



- 5. Enter the name of the new operator.
- 6. Click **OK**.

The *Operators Properties* window opens to allow you configure the operator parameters.

Operator Pro	perties							X
A.,	Use the options h change password	ere to grant or den Is and other setting	iy operators ac js.	ccess to the pr	ogram's featu	res, and to		
Genera	I Menus	Employees	Doors	Setting	Options	Operators	Reports	
Name:		JOHN DOE						
New F	'assword:							
Descri	ption:							
				OK		Cancel		

2.6.2 Configuring the Operator Parameters

The *Operator Properties* window consists of eight tabs. Each tab contains a logical group of privileges available to the operator. At any time you can complete the operator configuration by clicking **OK**.

2.6.2.1 <u>General Tab</u>

The General tab provides for entering a unique password for each new operator. The description can be anything, but is limited to 25 characters.

2.6.2.2 <u>Menus Tab</u>



These options determine which menus the operator can view.

2.6.2.3 Employees Tab

)perator Properties	×
Use the options here to grant or deny operators access to the program's features, and to change passwords and other settings.	
General Menus Employees Doors Setting Options Operators Repo	rts
Employees Add Employee Remove Employee Edit Employee's Details	
OK Cancel	

These options allow the operator to add and remove employees from the system, as well as change the parameters of existing employees.

2.6.2.4 <u>Doors Tab</u>

Dpe	erator Properties	×
ſ	Use the options here to grant or deny operators access to the program's features, and to change passwords and other settings.	
f	General Menus Employees Doors Setting Options Operators Report	\$
	Doors Configuration	
L	DK Cancel	

When this checkbox is selected, the operator has the ability to change the door configuration.

2.6.2.5	Setting Tab	

General	Menus	Employees	Doors	Setting	Options	Operators	Reports
🔲 Chang	e Setting		I	Change Opt	ions		

These checkboxes allow the operator to change settings and options.

2.6.2.6 Options Tab

General	Menus	Employees	Doors	Setting	Options	Operators	Reports
Options							
Comr	nunications						
🔲 Lang	uage						
C Oper-	ators						
🔲 Data	Base Status						

These options allow the operator access to communications, language, operator, and database settings.

2.6.2.7 Operators Tab

erator Prope	rties							E
use Use cha	e the options her ange passwords	re to grant or de and other settir	ny operators . ngs.	access to the p	rogram's featu	ires, and to		
General	Menus	Employees	Doors	Setting	Options	Operators	Reports	
- Operator	rs							
🗖 Ad	d Operator							
🗆 Re	move Operator							
🗖 Edi	it Operator's Det	ails						
. <u> </u>								
				OK		Cancel		

These options allow the operator to add and remove operators from the system, as well as change the parameters of existing operators.

Jpe	rator Prope	rties							×
1	us Us	e the options h ange password	ere to grant or de s and other settir	ny operators a Igs.	access to the p	program's featu	ires, and to		
ĺ	General	Menus	Employees	Doors	Setting	Options	Operators	Reports	
		ts fovements Rep utendance Rep oor Reports Interactive Repo	ort						
					OK		Cancel		

The report options determine which reports the operator can configure and generate.

2.6.3 Removing an Operator

To remove an operator:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click the **Options** tab. The *Options* screen appears.

3. Click **Operators**. The *Operators* window opens.

Operators		X
- - -	Use the list below to grant or deny operators access to the program's features, and to change passwords and other settings.	
<mark>admin</mark> engin secur	Administration Englineer setting Guard setting	
Add	Remove Properties	

4. Click **Remove**. The *Remove Operator* window opens.

AC-115	X	
1	Are you sure you want to delete this operator? LoginID: JOHN DOE	
	<u>Y</u> es <u>N</u> o	

5. Click **Yes** to confirm.

2.7 Maintaining the PC Software Database

Periodically the AC-115 Access Control Network system prompts you to compact its database. This procedure makes sure that your database is kept in its best condition, allowing it to be accessed faster.

If your system has heavy traffic, the system prompts you to compact the database more often.

To maintain the database:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click the **Options** tab. The *Options* screen appears.

🗏 AC-115 I	nteliDoor Access Co	ntrol Network - [Se	etting]		
File View H	elp				
-	Time Zones	Holidays	Clock	System Codes	Options
Online Difference Employees Doors	Comm	unications Use t testin	his option to change the g doors connection.	settings for cable com	nunications and
Setting	<u>نا</u> د		his option to change the pported languages.	language of the progra	m to any one of
Reports	* <u>•</u>			ny operators access to t words and other setting:	
Exit			his option to Import. Exp Back Up period and Li	port, Compact and Refre pocation.	sh of Data Base,
😑 OnLine		Operator:	admin	7/17/2007	12:11 PM

3. Click Data Base. The Database Location window opens.

Data Base Location: C:\Program Files\Rossla	re\AC115\AC115DataB	ase.mdb 🛛 🔀
History History data saved from:	Jobs	
Date: Empty	Open external Data Base.	All C Configuration
Time: Empty		
Compact Compact is not necessary.		Import
Compact	Copy current Data Base from the AC115	● All
Automatically Back Up Select Back Up period None	application. Version 33.9.11	C Configuration
and location.		Export
Location	Open new Data Base.	
Back Up Now		New
		Close

4. Set the database options according to the field descriptions in Table 3. **Table 3: Database Window**

Parameter	Details
History	Records and displays the time and date of the most current backup.
Compact	Indicates whether or not the database needs to be compacted. Click Compact to start the process.
Automatic Back Up	None, Day, Week, Month, Year Day: 1–6 days Week: 1–3 weeks Month: 1–11 months Year: 1–3 years
Jobs	Open external database: Select All or Configuration and then click Import .

Parameter	Details			
	Copy current database: Select All or Configuration and then click Export .			
	Open new database: Click New to open a new database.			
Close	Click Close to close the database window.			

3. Configuring the System

So far you have learned how to install the AS-115 PC Software, attach your AC-115 to the PC, and set up your serial port connection. You are now ready to start setting up your first door.

In this chapter, you will learn how to program all of the AC-115's settings. This chapter will walk you through the whole setup process from beginning to end. Along the way, you will learn how to use every feature of the AC-115.

The topics in this chapter are:

- Modes of Operation
- Download and Upload
- Door
- Downloading Settings to the Hardware
- Testing Your Network for the First Time
- Setting up the System Codes
- Setting up Activities and Times Zones
- Automatic Normal/Bypass Mode Switching
- Setting Up the Holiday Dates
- Setting Up the System Date and Clock

3.1 Modes of Operation

The AS-115 software has two operating modes: Online and Offline.

3.1.1 Online Mode

Certain features of the software can only function when the PC is connected to the AC-115 network and all the AC-115 units on the network are functioning and communicating properly.

These locked features include the ability to view the AC-115 network's real time door status, downloading the door settings to the hardware, and uploading the door history file to the PC.

To unlock these features, the software must be put into Online mode. Before entering Online mode, the software ensures that:

- The COM port selected in your settings is available
- All the doors marked as installed are functioning and communicating properly
- At least one door is marked as installed

If the conditions are not met, the software does not enter Online mode and remains in Offline mode.

If the above conditions are met, the software enters Online mode.

Configuring the System

3.1.2 Offline Mode

In Offline mode, a user can change almost all of the door and user settings. However, these settings do not take effect until the software is brought into Online mode and the settings are downloaded to the door network.

If the settings are not downloaded to the door network, the system remembers the setting changes even if the user exits the software. These changes are ready for download in the future, at the user's discretion.

3.1.3 Check the Mode of Operation

You can instantly view the software's Mode of Operation at a glance by checking the Mode of Operation indicator on the bottom left corner of the Main Window.

If the system is Online, the indicator is green.

🔵 OnLine

If the system is Offline, the indicator is red.

3.1.4 Change the Mode of Operation

Changing the software's Mode of Operation is as simple as clicking the File Menu and clicking on the "Work Offline" menu item (Figure 7).





A checkmark next to "Work Offline" indicates that the software is in Offline mode.

If you are currently Offline, clearing "Work Offline" commands the system to attempt to enter Online Mode.

If you are currently Online, checking "Work Offline" commands the system to exit Online mode and return to Offline mode.

3.2 Download and Upload Settings

3.2.1 Download Settings to the AC-115 Network

Downloading refers to the act of transferring settings from the PC to the AC-115 unit.



Whenever any doors are enabled or disabled, door or user settings are changed in the PC software. The settings do not take effect until the settings are downloaded from the PC to the AC-115 hardware in the AC-115 network.

Configuring the System

If settings are changed, the software stores these changes. If the user makes changes to the settings and exits the software without downloading the settings to the AC-115 hardware in the AC-115 network, the software still saves the changed settings. This allows the user to download the settings to the AC-115 network later.

3.2.2 Uploading History from the AC-115 Network

Uploading refers to the act of transferring history data from the AC-115 hardware to the PC.



Uploading the history data is discussed in Chapter 5.

3.3 Door Setup

3.3.1 Installing the First Door

To set up your first door, you need the hardware setup as shown in Figure 8.



The AC-115 in this setup has its Door Number set to #1. A new AC-115 from the factory is set to Door Number One by default.

Note If you are not sure what your AC-115 hardware's Door Number is, then refer to the *AC-115 Hardware Installation and Programming Manual* for how to set the Door Number.

To install your first door, you first enter the Doors screen. From the Doors Menu, you can install and uninstall any of the eight doors in the network. To install Door #1, you need to see the Door Properties for Door #1.

3.3.2 Getting the Door Properties for Door #1

To view the Door Properties for Door #1:

1. On the toolbar, click **Doors**. The *Doors* screen appears.

AC-115 InteliDoor Access Control Network - [Doors]							
File View He	elp						
- Č.			[n "				
Online	Status	Installed No	Door # Door 1	Description Door#1			
		No	Door 1 Door 2	Door#1 Door#2			
		No	Door 3	Door#3			
Employees		No	Door 4	Door#4			
Ellipio, cos		No	Door 5	Door#5			
III Ι		No	Door 6	Door#6			
Doors		No	Door 7	Door#7			
200015 (2200-2		No	Door 8	Door#8			
T							
Setting							
Reports							
1 1 1							
Download							
Exit							
😑 Offline		C	Iperator: admin		7/17/2007	12:57 PM	- //

2. Double click on the row marked as Door #1 to open the *Door Properties* window for Door #1.

Door Properties		×
Door 1		
Door Properties	Configuration	Alarms
📭 🗖 Door In: -) 🐑 🗖 OnLine Description:		
Door#1	None	•
	OK	Cancel

3.3.3 Setting the Door Properties for Door #1

To set the door properties:

1. In the *Door Properties* window, select the **Door Installed** checkbox to Install Door #1.

- 2. Select the **Online Enabled** checkbox to enable Door #1 in the Online Window.
- 3. Enter a simple description for Door #1.
- 4. Select how often you want the AC-115 hardware to upload its history report to the PC.
- 5. Click **OK**.

3.3.4 Setting the Door Configuration for Door #1

To set door configuration:

1. In the *Door Properties* window, click the **Configuration** tab.

Door Properties	X
Door 1	
Door Properties Config Strike Image: Config Strike Image: Config Image: Config Image: Config	Audian Audian C Nomaly Open C Nomaly Ocee C Toggle C 0 00 4 Munt Time (min sec)
Rex Strike Aux	Chime
	OK Cancel

- 2. Configure the operation settings for the Lock Strike Relay:
 - Normally Open or Normally Close
 - Strike Time
- 3. Configure the operation settings for the Auxiliary Relay:
 - Normally Open, Normally Close, or Toggle
 - Aux Time
- 4. Configure which outputs are activated when the REX switch is pushed:
 - Strike
 - Aux
- 5. Configure which events cause the Chime Alert to sound (for example, when the door is opened or when a valid code is entered).
- 6. Click **OK**.

Note

You can click **Defaults** to reset the configuration to the default settings.

3.3.5 Setting the Alarm Conditions for Door #1

To set alarm conditions:

1. In the *Door Properties* window, click the **Alarms** tab.

Door Properties Door 1			2
Door Properties	Config	uration	Alarms
	Enabled	Siren	Auxiliary
Ajar: Force: Tamper: Duress:			
Timers 2:00 0:04 *	Siren Time Door Ajar Door Forceo	1	
(min:sec)			Defaults
		OK	Cancel

- 2. In the Alarms section you can decide whether the auxiliary relay and/or the internal siren are activated when one of the following four events occurs:
 - Door Ajar Event

A Door Ajar event occurs when a door is left open longer than the Door Ajar time.

Forced Door Event

If a door is opened without a valid code being entered, then the forced door event is activated.

Tamper Event

If the AC-115 bezel is removed or if the AC-115 loses its connection with a reader, a tamper event is activated.

Duress Event

If a Duress code is entered then the duress event is activated.

3. Set the Siren Time, Door Ajar time and Forced Door time.



You can click **Defaults** to reset the alarm conditions to their factory default settings.

4. Click **OK**.

You have now setup your first door.

Follow the same procedure to configure all eight doors.
Figure 9 shows what the *Doors* screen looks like after four doors have been installed:

status line Changed	Yes	Door #	Description Door#1
Changed		Door 2	Door#2
Changed		Door 3	Door#3
oyees Changed		Door 4	Door#4
	No	Door 5	Door#5
₽	140	0.001.0	Dioorino
oors	No	Door 7	Door#7
alla	No	Door 8	Door#8
tting			
ports			
1 #			
nload			

Figure 9: Example of Four Doors Added

Notice that the status of each door installed is now "Changed".

This means that there are settings that have been changed on the PC software that have not been sent to the AC-115 door network.

Changes made to settings in the software do not update the AC-115 network immediately. Changed settings are only updated to the controllers when the download procedure is initiated.

In the next section, you will learn how to initiate your first download procedure.

3.4 Downloading Settings to the Hardware

To download settings to the hardware:

1. On the toolbar, click **Download**.

The *Download* screen appears.

🗎 AC-115 I	iteliDoor Access Control Network - [Download]	
File View He	íp	
Online	AC115 Downloader	Ösö
Doors Setting	Download data from Pc to Access control will take a few ninutes. To start download click on Download Now Button	
Reports Download		
₽ Exit		
	Download Now	

2. Click **Download Now** to update changed settings to the installed doors in the network. The system downloads the changed settings to the controllers in the network.

Download	
Download data to new door# 2	
Please wait. The download proces:	s may take a few minutes
Details>>	Cancel

When the PC software is in Offline Mode, **Download** on the toolbar is grayed out. To enable Downloading, the PC software must first be placed into Online Mode (Section 3.1.1).

When installing a new door, the first download takes longer as all the settings in the new door are updated. Downloading to existing doors is very fast, as only the changed settings are sent to the door.

Now that you have downloaded your settings to the installed doors, it is time to test your network for the first time.

3.5 Testing Your Network for the First Time

You have now set up your door settings in the PC software and have downloaded the settings to your controllers. You now need to test that the controllers in the network are communicating properly and that the readers attached to them are also working correctly. This is done by viewing the *Online* screen while entering the Employee Codes at each of the In & Out Readers attached to the controllers in the network.

There are two conditions that need to be met before you can start testing:

- All the doors you want to test must have Online Enabled active in their door properties. If Online Enabled is not active in a door, then the status of that door does not appear in the *Online* screen.
- You must be in Online mode to access the Online window. If Online on the toolbar is grayed out, it means that you are not in Online mode.

If your system meets the above conditions, you can conduct the test.

To test your network connection:

1. On the toolbar, click **Online**. The Online screen appears.

🖪 AC-115 InteliDoor Access Control Network - [Online]						- 6 🛛		
File View H	slp							
۲		Waiting For Card	Name:					
Online		Read	Employee #:					
ů.								
Employees								
L I								
Doors								
Setting	Time		Name		Door	Location	Remarks	

Configuring the System

- 2. If there are any events in the network such as a proximity card being read, it appears in the Online screen.
- 3. Test each of the readers in your system:
 - If it is a proximity reader, apply any compatible proximity card
 - If it is a keypad reader, enter any Keypad Code
 - If it is any other reader, activate the reader so that the ID is sent to the controller over the Wiegand 26-Bit Reader's output

Figure 10 shows an example of what your *Online* screen should look like after you have created a few events by activating all the readers in your network:

AC-115 I	🗈 AC-115 InteliBoor Access Control Network - [Online]							
File View H	elp							
Online Employees	Waiting For Card Read	Name: Employee #: Door: Door: Location Remarks:	Unknown Employee N/A 4 Door#4 Out Unknown et door					
7	Time	Name		Door	Location	Remarks:		
Setting	11:42:18	Unknown E		Door#4	Out	Unknown at door		
	911:42:13 911:41:54	Unknown E Unknown E		Door#4 Door#3	In Out	Unknown at door Unknown at door		
<u>_</u>	11:41:49	Unknown E		Door#3	In	Unknown at door Unknown at door		
Reports	11:41:28	Unknown E		Door#2	Dut	Unknown at door		
- <u></u>	11:41:22	Unknown E		Door#2	In	Unknown at door		
Download	11:41:04	Unknown E		Door#1	Out	Unknown at door		
Ext	911-40.55	Unknown E	ne ya	Doorit1	In	Unknown at door		
	<						>	

Figure 10: Devices Online

In this example, there are 4 controllers in the AC-115 network.

All the readers were tested for each of the controllers on the network.

If all the readers show up on your list, then the readers and controllers are functioning normally. In the example provided above, the network is functioning normally.

If any of the readers attached to the controller do not show up on the list, then test the reader again. If a particular reader still does not appear on the list, the reader is most likely not connected properly, malfunctioning, or may not be Wiegand 26-Bit compatible.

3.6 Setting up the System Codes

Setting up the Programming Code, Lock Code, Duress Code, Strike Code, Auxiliary Code, and Release Code is done in the "Systems Code" tab within the **Settings** Toolbar.

To set up system codes:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click the **System Codes** tab.

🔳 AC-115	InteliDoor Access Co	ontrol Network -	Setting]		
File View H	telp				
٠ پ	Time Zones	Holidays	Clock	System Codes	Options
Online	Status	Type D	escription		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ogramming Code		
Employees	<u> </u>		cure Code		
Linpioyees			uress Code		
ųμ	<u> </u>		rike Code		
Doors			ixiliary Code ipass Code		
S la		0	pass code		
Setting					
Reports					
in a time time time time time time time time					
Download					
Exit					
	L				
🔴 Offline		Operat	or: admin	7/17/2007	1:20 PM

From this window, you can set all listed codes.

Look at the row with the description "Programming Code". Notice the keyboard icon and the type being PIN. The icon indicates that this Programming Code is active and it is a PIN Code.

Configuring the System

3. Double-click on a row. For our example, we'll use a Duress code. The Duress Code window opens.

System Codes		X
Duress Code		
Card / PIN Code	Code Type:	not set
Defaults		
	ОК	Cancel

In the window you will find the Code type (PIN or Proximity), and the value of the PIN code or the Card ID code.



4. Click Add to add a new Duress code.

The Code Type window opens.

lode Type	
Select code type (Pin or F For Prox card select the	Prox) to assign current employee. reader location (Door or MD - 08).
Prox Card	PIN Code
Door MD - 08	
Note: Prox - proximity card	Note: PIN-personal identification number
OK.	Cancel

There are three methods to enter the code:

Prox Card – Door:

The **Door** radio button adds a code using a reader that is attached to any AC-115 hardware in the network.

Prox Card – MD-08:

The **MD-08** radio button adds a code using any Wiegand 26-Bit compatible reader attached to the PC using the MD-08, a Wiegand 26-Bit to RS-232 Converter Accessory (purchased separately). See Appendix B for more information on the MD-08.

PIN Code:

Adds a PIN code using the PC keyboard

Configuring the System

Select the method of entry you prefer and click OK.
 For Prox Card, the following window opens:

Get Card Code			×
		he prox card over a reader or enter a ard code appears in the window.	a PROX code.
rl	Card Code	Site code (0 to 255)	
		0	
		Save	Cancel

For PIN Code, the following window opens:

Get PIN Code	PIN code (1 to 6 digits). Press 'Sav	e' when finished.
	PIN Code	
	Save	Cancel

- 6. Create an entry with a reader or enter a new PIN code and click **Save**.
- 7. Click **OK**.

The same method outlined for the Duress code can be used to add any of the other codes that are made available in the System Codes tab.

Note

When you are done changing the system codes, they only take effect once the changes have been downloaded to the controller network. System codes are global: this means that all the controllers in the network have the same system code settings.

3.7 Setting up Activities and Times Zones

By default, holders of valid employee codes are given 24-hour access when the controllers are in Normal mode. Using the PC software access to set up access times during Normal mode can be programmed by setting up schedules where and when entry is allowed or denied.

You can create eight weekly schedules named "Activities" that are made up of a set of times zones. Later, you will be shown how to apply activities to various employee codes.

To create an activity:

1. On the toolbar, click **Setting**. The *Settings* screen appears. The Time Zones tab is the default tab

AC-115 InteliDoor Access Control Network - [Setting]						
File View Hel	p					
÷Č:	Time Zones	Holida	iys Y	Clock	System Codes	Options
orline Employees Doors Setting Reports	Status	Number 1 2 3 4 5 6 7 8 AutoOpen	Enablec No No No No No No No	AutoOpen		
😑 Offline			Operator: a	dmin	7/17/2007	1:31 PM

From this window, you can set all Activities.

2. Double-click the row you wish to configure. For example, we will doubleclick the row marked Number 1.

The Time Zones Properties window opens for Activity 1:

Time Zone Properties				X
Time Zone #1				
I Enabled		ription: n Office Ho	urs	_
Sunday	From 00:00	n -	T (<u> </u>
Monday	09:00	• • •	17:00	•
Tuesday	09:00	•	17:00	•
Wednesday	09:00	•	17:00	÷
Thursday	09:00	•	17:00	•
Friday	09:00	•	17:00	÷
Saturday	09:00	•	13:00	•
Holiday	00:00	•	00:00	•
			1	
		OK		Cancel

Activity 1 is the set of Time Zones that represent a company's main office hours.

In this example, an employee who falls under Activity 1 can only enter the premises Monday through Friday between 9:00 AM and 5:00 PM and Saturday between 9:00 AM and 1:00 PM when the controller is in Normal mode.

- 3. Select the **Enable** checkbox to enable this activity. If you do not enable the activity, it is not be available when applying activities to employee codes.
- 4. Select the time zones when access is granted for performing this activity for each day of the week.



The time zone marked Holiday is a special time zone that is only in effect on days that are marked in the system as Holiday Dates (see Section 3.9).

5. Once you have defined all the time zones in this activity and have enabled the activity, click **OK**.



Activities are global settings. All the controllers in your AC-115 network are updated with these settings when downloaded to the network.

3.8 Automatic Normal/Bypass Mode Switching

Using the internal real time clock, the AC-115 can be scheduled to automatically switch from Normal mode to Bypass mode and vice versa.

To set automatic mode switching:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears. The Time Zones tab is the default tab
- 2. Double-click on the row marked Auto Open.

The *Time Zones Properties* window opens for the Auto Open.

Time Zone Properties					×
Auto Open					_,
🔽 Enabled	Descrip Auto 0			_	
Sunday	From 00:00	-	T 00:00	0	
Monday	09:00	•	17:00	•	
Tuesday	09:00	•	17:00	•	
Wednesday	09:00	•	17:00	•	
Thursday	09:00	•	17:00	•	
Friday	09:00	•	17:00	•	
Saturday	00:20	•	17:00	•	
Holiday	00:00	•	00:00	•	
		ОК		Cancel	

Setting up the Automatic Normal mode to Bypass mode switching schedule is similar to setting up an activity schedule.

- Select the Enable checkbox to enable this activity. If you do not enable the activity, it is not available when applying activities to employee codes.
- 4. Select the time zones when access is to be granted for performing this activity for each day of the week.



3.9 Setting Up the Holiday Dates

J

Note

The PC software can be programmed to handle up to 24 days of the year as holiday dates. Holidays are handled differently from regular days: they have their own time zones in each of the eight activities and also have their own automatic Normal/Secure mode switching time zones.

To set up a holiday date:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click on the *Holidays* tab.

	Time Zones	Holidays		Clock) Sj	vstem Codes	Options
e	Status	Number	Enabled	Date		Description	
		01	No				
.		02	No				
es		03	No				
		04	No				
		05	No				
		06	No				
9		07	No				
′		08	No				
		09	No				
		10	No				
		11	No				
s		12	No				
. 11		13	No				
		14	No				
be		15	No				
i		16 17	No No				
.		18	No				
		19	No				
		20	No				
		20	No				
		22	No				
		23	No				

3. Double-click the row you wish to configure. For example, we will doubleclick the row marked Holiday 01.

The Holiday Properties window opens for Holiday 1:

Holdiay Properties					×
Holiday#1					
	Enabled				
U.G. Data					
Holiday Date:	01 Jan	•			
Description:					1
·			_		
	0K			Cancel	

- 4. Select the **Enable** checkbox to enable this holiday. If you do not enable the holiday, it will not be active.
- 5. Enter the date (day and month) of the holiday.
- 6. Enter the description of the Holiday.
- 7. When you are done, click **OK** to confirm your settings. You are returned to the Holiday tab in the settings window, ready to set up another holiday date.

Holidays are global settings and are downloaded to all controllers in the AC-115 network.

Note

3.10 Setting Up the System Date and Clock

The AC-115 network can be synchronized with the PC date and time in the programming screen. This can be an automated process, which is done upon every download.

To set the system date and clock:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click the **Clock** tab.

AC-115 Int	eliDoor Access Control Network - [Setting]		
File View Hel	þ		
÷.	Time Zones	Holidays	Clock
Onine Employees	Manual Update	ually Update the Time and Date on all doors.	
Doors Setting	-Automatic Update	and Date on each Download	
Reports			
≜ Exit			

- 3. Click **Set Clock** to update the clock.
- 4. Select the **Automatic Update** checkbox to update the clock each time a download occurs.
- 3.10.1 Manually Updating the Clock

To manually set the clock:

1. Select the option to manually update the clock. The following window opens:

Time		Doors Re-	al Time	
Same as PC Clock:		Dop	Description	Real Time
17:02:32		1	Door#1	00:03:08 01/01/07
C Custom Time				
00.00				
(min:sec)				
Date				
2 יולי 31 יום שלישי	007 :			

- Select either Save as PC Clock to set the time in the network to the same time as your PC Clock or select Custom Time to set a custom time that is different from your PC Clock.
- 3. Select the correct date.
- 4. Click Send.

Each AC-115 network can support up to 2400 independent users (employees). Employee codes can be programmed to the controllers in the network using either the AC-115's own programming keyboard or by using the PC software. Employee information is first stored in the PC database and then sent to the controllers in the network upon downloading.

In this chapter, you will learn how to add and delete users, and maintain current users by editing their settings.

The topics in this chapter are:

- Adding Employees
- Editing Employees Settings
- Deleting Employees

4.1 Adding Employees

Managing Employee activities, door rights, codes, and other information all take place from the Employee window.

To add employees:

1. On the toolbar, click **Employees**. The *Employees* screen appears.



2. Click Add.

The Employee Details window opens.

	Details	Time Zones	Rights
Photo	Details First Name Last Name Employee Number Department	1	
Add Clear	Card / PIN Code Add Clear	Code Type:	not set

From this window, you can reach all the settings for the new user you are about to create.

The first step is to enter the employee's general details, assigning the Employee Code, and entering the employee's picture into the database. This is all done within the General tab.

Additional personal information can be stored in the Details Tab setting up at the top. The Employee's permitted entry time is done by assigning activities in the Time Zones tab. Finally, you must edit the Employee's door rights and the "Lock Strike" and "Auxiliary Event" Actions for each installed door in the system from within the Rights tab.

4.1.1 General Tab

- 1. Enter name, employee number, and the department of the new employee.
- 2. Insert a picture of the employee by clicking **Add** in the Photo section to browse your hard disk and add the appropriate photograph.

You should have already prepared some photographs for use in the software. For best results, the pictures should be 119 pixels in width and 161 pixels in height.

3. To assign a code to the employee, click **Add** in the Card/PIN Code Section. The *Code Type* window opens.

Code Type	X
	Prox) to assign current employee. eader location (Door or MD - 08).
Prox Card © Door C MD - 08	PIN Code
Note: Prox - proximity card	Note: PIN-personal identification number
OK	Cancel

There are three methods to enter the code:

Prox Card – Door:

The **Door** radio button adds a code using a reader that is attached to any AC-115 hardware in the network.

Prox Card – MD-08:

The **MD-08** radio button adds a code using any Wiegand 26-Bit compatible reader attached to the PC using the MD-08, a Wiegand 26-Bit to RS-232 Converter Accessory (purchased separately). See Appendix B for more information on the MD-08.

PIN Code:

Adds a PIN code using the PC keyboard

4. Select the method of entry you prefer and click **OK**.

For Prox Card, the following window opens:

Get Card Code	×					
Y To teach a card, swipe the prox card over a reader or enter a PROX code. Press 'Save' when the card code appears in the window.						
Card Code Site code (0 to 255) D Start from (1 to 65535) 0						
Save						

For PIN Code, the following window opens:

Get PIN Code		×
? Enter a P	'IN code (1 to 6 digits). Press 'Save' when finished.	
	PIN Code	
	Save	

- 5. Create an entry with a reader or enter a new PIN code and click **Save**.
- 6. Click **OK**.

The same method outlined for the Duress code can be used to add any of the other codes that are made available in the System Codes tab.

4.1.2 Details Tab

Employee Details			×
General	Details	Time Zones	Rights
Genetal Mattal Status Single Employment Date: 17/5/2014 Gender Unspecified Working Hours 0 💽	Details Y Y Y	Time Zones Email Tel Address Start Time 08:00 $\stackrel{a}{\rightarrow}$ Over Night	Pights
		0K	Cancel

On this tab, you can enter data about the employee, such as Marital Status, Employment Date, Gender, Email Address, Telephone Number, and Residential Address.

This information is not required but it can be helpful if one needs to contact or verify the identity of an employee by asking questions about their details.

Working Hours:	Enter the number of hours this employee is expected to work in a day.
Start Time:	Enter the time the employee is expected to begin work. This affects the late time calculation.
Stop Time:	Enter the time the employee is expected to complete work. This affects the early leave calculation.

When the Overnight option is selected:

- Start time is automatically set to 00:00.
- End time is automatically set to 23:59.

This change enables the generation of a Working Hours report. However, in this case the Late Report and the Incomplete reports do not reflect the reality of an overnight (see Section 6.4).

4.1.3 Time Zones Tab

km	ihgk			E
Ĺ	General	Details	Time Zones	Rights
	☐ Mair ☐ Over ☐ Clea	s áng Hours Ioffice hours time hours ning hours avisor hours		
L			OK	Cancel

In this tab, you can specify if this employee has unlimited 24-hour access or if the employee is constrained to any specific times (preprogrammed activities).

- Select 24 Hours to give the user 24-hour access to any of the doors that they have access to
- Select **Time Zones** and then select the activities that this user has been approved for. Activities will only show here if you have set up and enabled them in the Settings window (Section 3.7). You can assign multiple activities for each user.

4.1.4 Rights Tab

Figure 11: Employee > Rights Tab

nployee Details	Details	Time Zones		Rights	
cienera	Details	Time Zones		Fights	
	Door Description	Strike	Auxiliary		
Door 1	Main Enterance	V	V		
Door 2	Loading Bay 1 Enterace		Г		
Door 3	Loading Bay 2 Enterace	v			
Door 4	Warehouse Enterace		~		
		OK	<	Cancel	ĩ

In the Rights tab, you can specify which doors the employee has access to.

This is done by selecting which event actions (Lock Strike and Auxiliary output activation) occur when the user enters a valid code at each of the doors.

In Figure 11, there are four doors installed in the system. For Doors 1 and 4, both the "Strike" and the "Auxiliary" are activated upon entry of a Valid Code.

When a valid code is entered at Door 2 but the employee does not have access to it, events "Door Opened" and "Auxiliary Opened" do not occur and event action "Door Not Opened" occurs; therefore, this user has no access to Door 2.

For Door 3 only, the "Strike" output activation event action occurs when a valid code is entered.

When you have finished entering all the settings for this employee, click **OK**.

The new employee information must be downloaded to the AC-115 network before the employee's settings are fully enabled.

4.2 Editing Employees Settings

You can change your employee settings, such as replace a lost proximity card or a forgotten PIN code for a particular employee.

To edit employee settings:

1. Double-click on the employee you wish to edit or select the employee and click **Edit** in the Employee window.

The *Employee Settings* screen appears.

Photo	Details		
	First Name Last Name Employee Number Department	1	
Add Clear	Card / PIN Code Add Clear	Code Type:	not set

2. Make your changes.

3. Click OK.

Note

Changes only take effect after the new settings have been downloaded to the controllers.

4.3 Deleting Employees

To delete an employee:

- 1. Select the employee you wish to delete from the Employee window and click **Remove** to delete the user.
- 2. Click **OK** to confirm.

•	Changes take effect after the new settings have been downloaded to t	he
	controllers.	

 It is recommended that you always double check that you are removing the correct user before you proceed. Once removed, employees cannot be recovered, and you must add a new user and re-enter all the Employee Settings.

5. Upload History

When in use, each AC-115 controller in the network stores in its internal memory a record of the history of events that have occurred at that controller.

Periodically, the event history stored in the internal memory of the AC-115 controller must be uploaded to the PC using the AS-115 PC software.

In this chapter, you will learn how to upload the AC-115 controllers' event history to the PC and how to generate reports.

The topics in this chapter are:

- Defining Event History
- Occasions to Upload the Event History
- Uploading Event History Manually
- Uploading Event History Automatically

5.1 Defining Event History

While the AC-115 network is in use, each controller in the network stores in its internal memory a history of events and the time the events occurred at the controller.

Below is a list of all the events that an AC-115 is able to record in its event history:

Door Opened – By Code (Inside)	Door Opened – By Code (Outside)
Door Not Opened – Secure Mode (Inside)	Door Not Opened – Time Zone (Inside)
Unknown Code Passed (Inside)	Unknown Code Passed (Outside)
Strike Code Passed (Inside)	Strike Code Passed (Outside)
Strike Code Not Opened – Secure Time (Inside)	Door is Released – Employee Code Passed(Inside)
Door is Released – Employee Code Passed (Outside)	Door Opened – By REX
Secure Mode	Bypass Mode
Normal Mode	Ajar Mode – Started
Ajar Mode – Stopped	Forced Mode – Started
Forced Mode – Stopped	Duress Mode – Started
Duress Mode – Stopped	Tamper Mode – Started
Tamper Mode – Stopped	Auxiliary Opened
Auxiliary Closed	Strike Closed by Door Monitor
Strike Closed by Timer	Siren – Started
Siren – Stopped	

5.2 Occasions to Upload the Event History

Each AC-115 controller can store up to 2000 events in its internal memory. The internal memory of the controller is cleared each time it uploads its event history to the PC using the AS-115 PC software.

If the event history stored within an AC-115 controller's internal memory is not uploaded, the internal memory eventually becomes full. When the controller's internal memory is full and new events occur, the oldest event in the internal memory is deleted and the new event is stored in its place. This is called Event Overflow.

When Event Overflow occurs, some events are lost due to a lack of internal memory in the AC-115 controller. The lost data will never appear in the PC software's database and will therefore not appear in any of the reports.

To prevent Event Overflow, each controller in your AC-115 must have its event history uploaded to the PC software's database periodically.

There are two methods to upload the event history from the AC-115 controllers in your network: manual and automatic uploading.

5.2.1 Manual or Automatic Upload?

Manual Uploading has been designed for AC-115 networks that do not have a lot of event traffic and will therefore not reach an Event Overflow condition quickly. These networks usually do not have a dedicated PC that can stay online and connected with the AC-115 network. A user must periodically initiate the Event history upload sequence from the PC.

Automatic uploading is designed for AC-115 networks that have a lot of event traffic. This is where an AC-115 can achieve an Event Overflow quickly. Each AC-115 in the network can be programmed to upload its event history periodically. Automatic uploading requires that your PC is connected to the AC-115 network and online at all times waiting to receive the event history from the controllers.

You will now learn how to manually and automatically upload the event history from the controllers in your AC-115 network.

5.3 Uploading Event History Manually

You can manually upload the event history from all the AC-115 controllers in the network at the same time or you can specifically select the Door Numbers belonging to the AC-115 controllers that you wish to upload data from.

J

Note

To upload history manually:

1. On the toolbar, click **Reports**. The *Reports* screen appears.

AC-115 InteliDoor Access Control	ntrol Network - [Reports]		
File View Help			1
- (Select Data Base for Reports	Upload History Data Now	
Online			
Employees			
Doors			
2 2			
Setting	Reports	Properties	
Reports	For receive latest history press "Upload History De	ata Now". Uploading takes few minuts.	
Download	Movements Report Produce online actions employees or by doors.	. You can select how to sort data, by	
Ext	Attendance Report Produce details about arrival, incompleted hor	employees working hours, such as late urs and absence reports.	
	Door Report Produce door events.	You can choose event type, dates and	
		Access Control. You can ask all employees doors for specific employee.	

2. Click Upload History Data Now. The following window opens:

Doors Selecting		
CA ©S	elect Doors:	
✓ 2 · Loading B	ay 1 Entrance ay 2 Entrance	
	OK	Cancel

- 3. Do one of the following:
 - a. Select **All** if you want to upload the event history from all the controllers in the AC-115 network.
 - b. Select **Select Doors** if you want to select a specific door or set of doors to upload the event history from.
 - i. Select which door or set of doors you want to upload from.
- 4. Click **OK**.

Upload of the event history from all the controllers or the controllers selected begins.

5.4 Uploading Event History Automatically

The AS-115 software Automatic Upload feature can be turned on from its Door Properties.

To upload history automatically:

1. On the toolbar, click **Doors**. The *Doors* screen appears.



2. Double-click on the door that you want to set to automatically upload. The *Door Properties* window opens:

Door Properties		×
Door 1		
Door Properties	Configuration	Alarms
Door In Door In Description: Door#1	stalled Enabled	
Auto Upload Time		
1904 1904	None	-
	OK.	Cancel

- 3. In Auto Upload Time, use the pull-down menu to select the interval between event history uploads:
 - None, 0.5 hours, 6 hours, 1 hour, 12 hours, 2 hours, 4 hours, 24 hours, and 48 hours

How often you should upload your AC-115's event history depends on how busy the controller is. You must make sure that the controller's internal memory does not exceed 2000 events to prevent Event Overflow.

4. Click **OK**.

6. Reports

The AS-115 PC Software can generate four types of reports: Movement, Attendance, Door, and Interactive Reports. In this section, you learn about these reports and in the following sections, you will learn how to generate each of them.

- Report Types
- Report Setup
- Generating Movement Reports
- Generating Attendance Reports
- Generating Door Reports
- Generating Interactive Reports

6.1 Report Types

6.1.1 Movements Report

The Movement Report shows all the Lock Strike activation events that occurred due to an entry of a valid employee code. Movement Reports are available in two formats: sorted by door number and sorted by employee. Both formats list the date, time, employee's full name, door number, and the reader location (In Reader or Out Reader) of each Lock Strike activation event between a selectable range of dates.

6.1.2 Attendance Report

Attendance Reports aid employee management using reports generated from expected versus actual working hours, incomplete days, late arrivals, and absences.

6.1.3 Door Report

A Door Report enables you to view all or a selectable set of events that occurred at all or a selectable set of doors.

6.1.4 Interactive Report

The Interactive Report is used for regular maintenance of employees and door access rights. Interactive Reports are available in two formats: sorted by door number and sorted by employees.

The report sorted by door number enables you to clearly see who has rights to each of the doors in the network. The report sorted by employees enables you to clearly see each employee's door rights.

6.2 Report Setup

Before you begin to generate reports, there are a few settings that need to be entered first:

To set the report settings:

1. On the toolbar, click **Reports**. The *Reports* screen appears.



2. Click the *Properties* tab.

The Properties screen appears:

Reports Properties Customize your company information that will be displayed on all reports.	
Name: Rosslare	Font
Details:	
Show company properties at report	
	Save

- 3. Enter your company name in the **Name** field.
- 4. Use **Font...** to select the font that you want the company name to appear in on your reports.
- 5. In the **Details** area, you may enter details that you wish to appear below your name on the report.
- 6. Click **Add** and select a jpg file to use as your logo.

Reports

- 7. Select **Show company properties at report** to view the company information on your reports.
- 8. Click Save.

6.3 Generating Movement Reports

To generate a Movement Report:

1. On the toolbar, click **Reports**. The *Reports* screen appears.

🔳 AC-115 I	InteliDoor Access Control Network - [Reports]
File View H	lelp
- Č	Select Data Base for Reports Upload History Data Now
Online	
	Reports Properties
Doors	For receive latest history press "Upload History Data Now". Uploading takes few minuts.
Setting	Movements Report Produce online actions. You can select how to sort data, by employees or by doors.
Reports	Attendance Report Produce details about employees working hours, such as late arrival, incompleted hours and absence reports.
Download	Produce door events. You can choose event type, dates and doors.
Exit	Combination of Pc and Access Control. You can ask all employees at specific door, or all doors for specific employee.
😑 Offline	0perator: admin 7/17/2007 2:20 PM

2. Click **Movements Report**. The *Movements Report Data Base* window opens.

Report		Doors
 Access Granted 		AI
C Access Denied		C Select Doors:
O Unauthorized		
C Unknown at door	🗹 In 🔽 Out	1 - Door#1
Produce options		
C AC115 report		
Constant Log file		
Text file ".txt	•	
Text file *.txt		
Excel Workbook ".xls Access Database *.m		Ŧ
Access Database	<u>uo j</u> =	
	Browse	
Date		
From: 25/12/2006	•	Sorting by
To: 01/01/2007	•	Door Number

3. Select the type of report: Access Granted, Access Denied, Unauthorized, or Unknown at door.

Reports

4. In the Doors section, select whether you want all doors/employees to be included in the report, or a selected set of doors/employees.

If you choose to select the doors to be included in the report, then you must click on the checkbox beside each door you want to include in your report.

- 5. Select production options: an AC115 report or a log file.
- 6. Select the date limits for the report.
- 7. Select the sort order.
- 8. Click **OK** to generate the movement report.

Some example Movement Reports have been provided in the following subsections.

6.3.1 Employee List by Door/All Doors

- Report Type: Employee list by door
- Doors: All doors
- Date: 25/07/2006 to 01/09/2007

Report		Doors
Access Granted		• AI
C Access Denied		C Select Doors
C Unauthorized		
C Unknown at door	🗹 In 🔽 Out	1 - Door#1
C AC115 report C Log file Text file ".bd Text file ".bd Excess Database ".r Date	C_revk_att\L	
From: 25/12/2006	- -	Sorting by
10110112001	_	

The following report is generated:

Figure 12: Movements Report by Do

				. ,	
🔲 Movements Report					
🚟 🗃 Zoom 10	0% 💌				
	_				~
Prin	nt Date: 01/01/	2007	AC-115 Access Control	Page 1 / From 3	
			Rosslare		
			nussiare		
			Access Granted Rep	art	
			Access Granteu Rep		
Fro	om: 25/07/2006		To: 01/09/2007		
	Date	Time	Employee Name	Door Opened	
	Door 1 D	oor#1			
	17/08/2006	07:39:13	Long, Vean Smith. Gon	Inside Inside	
	17/08/2006 17/08/2006	07:39:15 07:39:17	Smith, Gon Stodd, Aleks	Inside	
	17/08/2006	07:39:17	Ogange, Len	Inside	
	17/08/2006	07:39:18	Trov, Elv	Inside	
	17/08/2006	07:33:20	Clod, Nik	Inside	
	17/08/2006	07:39:23	Nir, Alen	Inside	
	17/08/2006	07:33:25	Tim. Dom	Inside	
	17/08/2005	19:11:38	Long, Vean	Rutside	
	17/08/2006	19:11:43	Smith, Gon	Outside	
	17/08/2006	19:11:47	Stodd, Aleks	Outside	
	17/08/2006	19:11:50	Troy, Ely	Outside	
	17/08/2006	19:11:55	Ogange, Len	Outside	
	17/08/2006	19:11:59	Clod, Nik	Dutside	
	17/08/2006	19.12.03	Nir, Alen	Outside	
	17/09/2000	1012-07	Tim Dam	Outside	×
Pages:					

6.3.2 Employee List by Door/Selected Doors

- Report Type: Employee list by door
- Doors: Doors 2 and 4 only
- Date: 25/07/2006 to 01/09/2007

Movements Report_Data Base: C:\Applic\AC115_New\Ac115	_¥33.9.8.0_ravit_att\AC115DataBase.mdb 🛛
Report	Doors
Access Granted	C All
C Access Denied	Select Doors:
C Unauthorized	·· 3660 0000.
C Unknown at door 🔽 In 🔽 Dut	□ 1 - Door#1 2 - Door#2
Produce options	
 AC115 report 	▼ 0 * 0 001#0
C Log file	
Text file ".txt	
File name	
Browse	
Date	
From: 25/12/2006	Sotting by
To: 01/01/2007 💌	Door Number
	OK Cancel

Reports

The following report is generated:



Provide Pr	Print Date: 30	/10/06	AC-115 Access Control	Page 1 / From 1
From: 25/07/06 Te: 01/09/07 Date Time Employee Name Door Opened 2/07/06 12/10.38 Ni. Alen Inside 2/07/07/06 12/10.38 Ni. Alen Inside 2/07/07/06 12/23.5 Stodd, Aleka Inside 2/07/07/06 12/23.5 Stodd, Aleka Inside 2/07/07/07 12/23.5 Stodd, Aleka Inside 2/07/07/06 11/52.59 Smith, Gon Outside 2/07/07/06 12/10.56 Long, Vean Outside 2/07/07/06 12/10.56 Ong, Vean Outside 2/07/07/06 12/10.35 Ong, Vean Outside 2/01/06 12/3.56 Ogange, Len Inside 2/01/07/07 12/3.01 Smith, Gon Inside 2/01/2/06 Oga.38/17			Rosslare	,
Date Time Employee Name Door Opened 27/07/06 1210.14 Dod, Nik Inside 27/07/06 1210.23 Ni, Alen Inside 27/07/06 1210.23 Ni, Alen Inside 27/07/06 122.34 Smith, Gon Outside 27/07/06 122.34 Smith, Gon Outside 27/07/06 1152.59 Smith, Gon Outside 27/07/06 1152.59 Smith, Gon Outside 27/07/06 1210.56 Dog, Van Outside 27/07/06 1210.56 Outs, Van Outside 27/07/06 1210.56 Outs, Van Outside 20/07/06 1152.55 Openge, Len Outside 20/10/06 1152.55 Openge, Len Outside 20/10/06 123.04 Tim, Don Outside 20/10/06 123.03 Tim, Don Inside 20/10/07 123.03 Sinth, Gon Inside		é	Access Granted Re	port
Door Loading Bay 1 Entrance 27/07/06 1210:14 Dod, Nk. Inside 27/07/06 1210:38 Ni, Alen Inside 307/07/06 1210:38 Ni, Alen Inside 307/07/06 1222:35 Stodd, Alekia Inside 27/07/06 1212:34 Smith, Gon Outside Door 4 Varehouse Entrance Usage 27/07/06 115:259 Smith, Gon Outside 27/07/06 1210:05 Long, Vean Outside 27/07/06 1210:05 Long, Vean Outside 01/07/06 112:055 Ogrape, Len Inside 01/07/06 12:30.4 Tim, Gon Inside 20/12/06 09:38:17 Smith, Gon Inside 20/12/07/07 11:32:03 Smith, Gon Inside	From: 25/07/06		To: 01/09/07	
27/07/06 12/10/14 Dod, Nik Inside 27/07/06 12/10/38 Ni, Alen Inside 30/10/06 12/22/31 Stodd, Aleka Inside 27/07/06 12/23/41 Smith, Gon Outside Door 4 Varehouse Entrance 27/07/06 11/52/59 Smith, Gon Outside 27/07/06 12/10/56 Diod, Nik Outside 27/07/06 12/10/56 Diod, Nik Outside 27/07/06 12/10/56 Diod, Nik Outside 0/10/060 11/52/56 Ogange, Len Inside 0/10/060 12/33/64 Tim, Dorn Outside 20/10/06 12/33/34 Tim, Dorn Inside 20/10/070 12/30/30 Smith, Gon Inside	Date	Time	Employee Name	Door Opened
27/07/06 12 10.38 Nir, Alen Inside 30/10/06 17.32.53 Stodd, Aleka Inside 27/07/06 12.22.54 Stodd, Aleka Inside 27/07/06 12.23.41 Stodd, Aleka Unide 27/07/06 11.52.59 Stodd, Aleka Outside 27/07/06 11.52.59 Stodd, Aleka Outside 27/07/06 12.10.56 Diod, Nik Outside 27/07/06 12.10.55 Long, Vean Outside 01/0.600 11.53.55 Ogange, Len Inside 30/10/06 12.33.44 Tim, Don Outside 20/12/06 93.81.75 Smith, Gon Inside 20/12/06 Smith, Gon Inside Inside	Door 2	Loading Bay	1 Entrance	
30/10/06 12:32:53 Stadd, Aleks Inside 27/08/07 11:22:34 Smith, Gon Outlide Dool 4 Watehouse Entrance Unide 27/07/06 11:52:59 Smith, Gon Outlide 27/07/06 12:10:06 Clod, Nk Outlide 27/07/06 12:10:05 Clod, Nk Outlide 27/07/06 12:10:35 Long, Vean Outlide 01/09/06 11:52:50 Ogang, Len Inside 02/07/06 12:33:45 Ogang, Len Inside 20/10/06 11:52:51 Ogang, Len Inside 20/12/06 09:38:17 Smith, Gon Inside 20/12/06 09:38:17 Smith, Gon Inside	27/07/06	12:10:14	Clod, Nik	Inside
27/88/07 12.23.41 Smith, Gon Dutide Door 4 Varehouse Entrance Unide 27/07/06 11:52:59 Smith, Gon Outide 27/07/06 12:10:56 Long, Vean Outide 27/07/06 12:10:36 Long, Vean Outide 27/07/06 12:10:36 Long, Vean Outide 01/08/06 11:35:26 Ogange, Len Inside 30/10/06 12:33:04 Tim, Gon Outide 20/12/06 03:33:17 Smith, Gon Inside 20/07/07 11:39:30 Smith, Gon Inside	27/07/06	12:10:38	Nir, Alen	Inside
Door 4 Watchouse Entrance 2/07/06 115:259 Smith. Gon Outside 27/07/06 12:10:36 Diod, Nik Outside 27/07/06 12:10:35 Long, Vean Outside 01/08/06 11:55:35 Ogange, Len Inside 30/1006 12:33:44 Tim, Don Outside 20/12/06 93:81:75 Smith. Gon Inside 20/12/07 11:39:03 Smith. Gon Inside	30/10/06	12:32:53		Inside
27/07/06 11:52:59 Smith, Gon Dutide 27/07/06 12:10:06 Dob, Nik Outride 27/07/06 12:10:36 Long, Vean Outride 01/06/06 11:55:26 Ogarope, Len Inride 30/10/06 12:33:24 Tim, Dorn Outride 20/12/06 09:38:17 Smith, Gon Inride 27/07/07 11:39:03 Smith, Gon Inride	27/08/07	12:23:41	Smith, Gon	Outside
27/07/06 12:10:60 Clod, Nk Outside 27/07/06 12:10:36 Long, Vean Outside 01/08/06 11:55:35 Ogange, Len Inside 30/100/6 12:33:44 Tim, Don Outside 20/120/6 09:38:17 Smith, Gon Inside 20/17/07 11:39:03 Smith, Gon Inside	Door 4	Warehouse E	Intrance	
22/07/06 12/10.36 Long Vean Outside 01/80/06 11.95/26 Ogange Len Inside 30/10/06 12.33.04 Tim Dom Outside 20/12/06 09.38.17 Smith, Gon Inside 20/07/07 11.39.30 Smith, Gon Inside	27/07/06	11:52:59	Smith, Gon	Outside
01/08/06 11:35:26 Dgarge,Len Inside 30/1/0706 12:33:04 Tim,Don Outside 20/12/06 09:38:17 Smith,Gon Inside 27/77/77 11:39:03 Smith,Gon Inside	27/07/06	12:10:06	Clod, Nik	Outside
30/1006 12.3304 Tim, Don Dutiside 20/1206 09.3817 Sanh, Gon Inside 27/07/07 11:3903 Smith, Gon Inside	27/07/06	12:10:36	Long, Vean	Outside
20/12/06 09:3817 Smith, Gon Inside 27/07/07 11:39:03 Smith, Gon Inside	01/08/06	11:35:26	Ogange, Len	Inside
27/07/07 11:39:03 Smith, Gon Inside	30/10/06	12:33:04	Tim, Dom	Outside
	20/12/06	09:38:17	Smith, Gon	Inside
27/08/07 12:23:37 Ogange, Len Outside	27/07/07	11:39:03	Smith, Gon	Inside
	27/08/07	12:23:37	Ogange, Len	Outside

6.3.3 Doors List by Employee/All Employees

- Report Type: Doors list by employee
- Doors: All employees
- Date: 25/07/2006 to 01/09/2007

Invernents Report. Data Bases CLApplic'AC 115_New Air Report Access Daried Chasthorized Chasthorized Chasthorized Produce accions	Employees C All Employees C Select Employees: Long Vean W. Alen
AC115 report C Log Re Trans In the term File name Browse	Gange, Len Sinh, Gon Stodd, Akla Troy, Ely
Date From: 25/07/2006 Τα: 01/09/2007	Sorting by Employee Name
	OK. Cancel

The following report is generated:

Figure 14: All Employees Movement Re	eport
--------------------------------------	-------

	J • •					
📕 Movements Repo	ort					
🚟 🔳 Zo	om 100% 💌					
						^
	Print Date:	01/01/2007	AC-115 Access	Control Page	1 / From 3	
			Ros	slare		
		А	ccess Gran	ted Report		
		_				=
	From: 25/07/2	2006 To:	01/09/2007			
	Date	Time	Door#	Door Opened		
	Clod, Nik					
	17/08/2006	07:39:21	1	Inside		
	17/08/2006	19:11:59	1	Outside		
	18/08/2006	08:13:03	1	Inside		_
	18/08/2006	20:14:18	1	Outside		
	21/08/2006	19:07:41	1	Inside		
	22/08/2006	07:18:57	1	Outside		
	22/08/2006	08:33:11	1	Inside		
	22/08/2006	20:29:29	1	Outside		
	23/08/2006	08:30:17	1	Inside		
	23/08/2006	20:33:47	1	Outside		
	Long, Vean					
	17/08/2006	07:39:13	1	Inside		
	17/08/2006	19:11:38	1	Outside		
	18/08/2006	08:12:42	1	Inside		
	18/08/2006	20:13:59	1	Outside		~
Pages: H 4 1						Þ

6.3.4 Doors list by Employee/Select Employees

- Report Type: Doors list by employee
- Doors: Selected employees
- Date: 25/07/2006 to 01/09/2007

Movements Report: Data Base: C:\Applic\AC115_New\Ac115 Report	Employees
C Access Denied C Unsuthorized C Unknown at door	Select Employees: Clod, Nik Long, Vean
Produce options C AC115 report C Log file Test file ".bst	Vir, Alen Ogange, Len Smith, Gon Stodd, Aleks Tim, Dom Vir Toy, Ely
File name	Vind P P
Date From: 25/07/2006	Sorting by
To: 01/09/2007 💌	Employee Name OK Cancel

Reports

The following report is generated:

Movements Rep	port					ÌĒ
	oom 100% 💌					
	, _					
	Print Date: 0	1/01/2007	AC-115 Access	Control Page 1	/From 3	
			Ros	slare		
			1105	Siare		
		Ac	cess Gran	ted Report		
	From: 25/07/200	16 To: 1	01/09/2007			
	Date	Time	Door#	Door Opened		
	Clod. Nik					
	17/08/2006	07:39:21	1	Inside		
	17/08/2006	19:11:59	1	Outside		
	17/08/2006 18/08/2006	19:11:59 08:13:03	1	Outside Inside		
	18/08/2006 18/08/2006 21/08/2006	08:13:03 20:14:18 19:07:41	1	Inside Outside Inside		
	18/08/2006 18/08/2006	08:13:03 20:14:18	1	Inside Outside		
	18/08/2006 18/08/2006 21/08/2006	08:13:03 20:14:18 19:07:41	1 1	Inside Outside Inside		
	18/08/2006 18/08/2006 21/08/2006 22/08/2006	08:13:03 20:14:18 19:07:41 07:18:57	1 1 1	Inside Outside Inside Outside		
	18/08/2006 18/08/2006 21/08/2006 22/08/2006 22/08/2006	08:13:03 20:14:18 19:07:41 07:18:57 08:33:11	1 1 1 1	Inside Dutside Inside Outside Inside		
	18/08/2006 18/08/2006 21/08/2006 22/08/2006 22/08/2006 22/08/2006	08:13:03 20:14:18 19:07:41 07:18:57 08:33:11 20:29:29	1 1 1 1 1	Inside Dutside Inside Outside Inside Outside		
	18/09/2006 18/09/2006 21/09/2006 22/09/2006 22/09/2006 22/09/2006 23/09/2006	08:13:03 20:14:18 19:07:41 07:18:57 08:33:11 20:29:29 08:30:17	1 1 1 1 1 1 1	Inside Dutside Inside Outside Inside Dutside Inside		
	18/08/2006 18/08/2006 21/08/2006 22/08/2006 22/08/2006 22/08/2006 23/08/2006 23/08/2006 23/08/2006	08:13:03 20:14:18 19:07:41 07:18:57 08:33:11 20:29:29 08:30:17	1 1 1 1 1 1 1	Inside Dutside Inside Outside Inside Dutside Inside		
	18/08/2006 18/08/2006 21/08/2006 22/08/2006 22/08/2006 23/08/2006 23/08/2006 23/08/2006	0813.03 2014:18 19:07:41 07:18:57 08:33:11 20:29:29 08:30:17 20:33:47	1 1 1 1 1 1 1	Inside Outside Inside Outside Outside Inside Outside Outside		
	18/08/2006 19/08/2006 21/08/2006 22/08/2006 22/08/2006 23/08/2006 23/08/2006 23/08/2006 Long. Vean 17/08/2006	08:13:03 20:14:18 19:07:41 07:18:57 08:33:11 20:29:29 08:30:17 20:33:47	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Inside Dutside Inside Outside Inside Outside Outside Inside		

6.4 Generating Attendance Reports

To generate an Attendance Report:

- 1. On the toolbar, click **Reports**. The *Reports* screen appears.
- 2. Click Attendance Report.

The Attendance Report Data Base window opens.



- 3. Select the Report type: Working Hours, Late Arrival, Incomplete Hours, or Absence.
- Select the sorting order: Employee Name, Employee Number, or Date. 4
- 5. Select the date range for the report.
- Select All Employees or Selected Employees. 6.
- 7. Click **OK** to generate the Attendance Report.

The report shown in Figure 16 is configured to display working hours, sorted by employee name, for all employees.

ntrol Pag	e 1 /	From 3	
<i>a) e</i>			
Report			
In	Out	Hours	
07:39	19:11	11:32	
08:13	20:14	12:01	
19:07	Day Total		
	Day Total	04:53	
	Day Total	19:14	
08:30		12:03	
	Period Total	59:43	
07:39	19:11	11:32	
08:12			
	Day Total	12:01	
19:07			
*00:00	07:18	07:18	
08:33	20:29 Day Total		
08:30	20:33	12:03	
	Report In 07:39 08:13 19:07 19:07 19:00 08:33 08:30 07:39 08:12 19:07 19:07 19:07	In Out 07.33 1911 07.33 1911 08.13 2014 19.07 2014 19.07 2014 19.07 2014 19.07 2014 19.07 2014 19.07 2013 19.07 2013 19.07 2013 19.07 2013 19.07 2013 19.07 2013 19.07 2015 19.07 2016 19.07 2016 19.07 2016 19.07 2016 19.07 2016 19.07 2017	In Out Hours 07.9 19.11 11.32 08.10 19.07 19.12 08.10 19.07 19.12 08.10 19.07 19.12 08.10 19.07 19.12 08.11 19.07 19.12 08.12 19.07 19.12 09.104 19.12 19.13 09.07 19.11 19.12 09.07 19.14 19.12 09.07 19.14 19.12 09.07 19.14 19.12 09.07 19.14 19.12 09.07 19.14 19.12 09.07 19.14 19.12 09.07 19.12 19.12 09.07 19.12 19.12 09.07 19.12 19.12 09.07 19.12 19.12 09.07 19.14 19.12 09.07 19.12 19.12 09.07 19.12 19.12 09.0

Figure 16: Attendance Report – Working Hours

The following report is generated:



					<u>^</u>
	Print Date: 28/12/2	2006 AC-115 Acces	s Control Page 1	/ From 2	
		Ro	sslare		
		Late Hou	<u>rs Report</u>		
	From: 21/07/2006	To: 28/12/2006			
	Date	Schedule Start	Actual Start	Late Hours	=
		Schedule Start	Actual Start	Late ribuis	
	Clod, Nik				
	17/08/2006	00:00	07:39	07:39	
	18/08/2006	00:00	08:13	08.13	
	21/08/2006	00:00	19:07	19:07	
	23/08/2006	00:00	08:30	08:30	
			Period Total	43:29	
					_
	Long, Vean				
	17/08/2006	00:00	07:39	07:39	
	18/08/2006	00:00	08:12	08:12	
	21/08/2006	00:00	19:07	19:07	
	23/08/2006	00:00	08:30	08:30	
			Period Total	43:28	
	Nir, Alen				
	17/08/2006	00:00	07:39	07:39	
	18/08/2006	00:00	08:13	08.13	
	21/08/2006	00:00	19:07	19:07	×
Pag					•

6.5 Generating Door Reports

To generate a Door Report:

- 1. On the toolbar, click **Reports**. The *Reports* screen appears.
- 2. Click **Door Report**. The *Door Events Report* window opens:

Performantion 4	
Packer existing ACTIS ment Cog file File name Bicense Dote	 All C Select Doors:
C AD15 Report	0 000#1 - D 000#2 - D 000#4 - D 000#5
Too the "be Ple name Browne	
Fie name	
Date	
Date	
Ta: 01/01/2007 •	

3. Click Select Events.

The Advanced Door Events window opens.

4. Select the events that you wish to see on the reports.

Advanced Door Events	×
Events List	
Door Opened Door Not Opened Door Not Opened Door Not Opened Door Modes Door Modes Door Modes Auxiliary	
Clear All Restore Defaults	
OK Cancel	

- 5. Click **OK**.
- 6. Select production options: an AC115 report or a log file.
- 7. Select whether you want all doors to be included in the report or a selected set of doors.

If you choose to select the doors to be included in the report, then you must click on the check box beside each door you want to include in your report.

- 8. Select the date limits for the report.
- 9. Click **OK** to generate the Door Report.

Some example Door Reports have been provided in the following subsections.

6.5.1 All Events/All Doors

Settings:

- Report Type: All events
- Doors: All doors
- Date: 25/07/2006 to 01/09/2007

Door Events		
Select Events	Doors C (M) C Select Doors:	
Ploduce option:		
Date From: 7 /25/2006 Σ Τα 9 /1 /2006 Σ	OK Cancel	

The following report is generated:

Figure 18: Door Events Report

Door Events	Report					
e	Zoom 100%	•				
						~
	Print Date:	01/01/2007	AC-115 Access Control	Page 1	/From 3	
			Rosslare			
			nossiare			
			Door Events Report			
	From: 25/	10000	To: 01/09/2007			
	From: 237	0772006	10: 01/03/2007			
	Date	Time	Event			
	Door 1 17/08/2006	Door#1 07:39:13	Door Opened - By Code(Inside)			_
	17/08/2006	07:39:15	Door Opened - By Code(Inside)			
	17/08/2006	07:39:17	Door Opened - By Code(Inside)			
	17/08/2006	07:39:18	Door Opened - By Code(Inside)			
	17/08/2006	07:39:20	Door Opened - By Code(Inside)			
	17/08/2006	07:39:21	Door Opened - By Code(Inside)			
	17/08/2006	07:39:23	Door Opened - By Code(Inside)			
	17/08/2006	07:39:25	Door Opened - By Code(Inside)			
	18/08/2006	08:12:42	Door Opened - By Code(Inside)			
	18/08/2006	08:12:42	Door Opened - By Code(Inside)			
	18/08/2006	08:12:50	Door Opened - By Code(Inside)			
	18/08/2006	08:12:54	Door Opened - By Code(Inside)			
	18/08/2006	08:12:59	Door Opened - By Code(Inside)			
	18/08/2006	081303	Door Opened - By Code(Inside)			~
Pages: M 4 1	N N	4			1	

6.5.2 Tamper Events/All Doors

Settings:

- Report Type: Tamper events
- Doors: All doors
- Date: 25/12/2006 to 01/01/2007

Door Events Report Data Base: C:\Applic\AC115_New\Ac115	_V33.9.8.0_ravit_att\AC115DataBase.mdb 🛛
Door Events Select Events Produce enforce ← AC115 report Togo the "range" or "range"	Door Select Door: - Coord: - Coord: - Coord: - Coord: - Coord: - Coord:
Pierane	Carcel

The following report is generated:

Figure 19: Door Tamper Event Report

Door Events	Report					
	Zoom 100%	•				
	Print Date:	01/01/2007	AC-115 Access Control	Page 1	/From 1	<u>~</u>
			Rosslare			
			Door Events Report			
	From: 25/	04/2006	To: 01/01/2007			
	Date	Time	Event			=
	Door 1 21/08/2006 23/08/2006	Door#1 20:33:53 20:33:59	Tamper Mode - Started Tamper Mode - Started			
	Door 4 24/08/2006	Door#4 13:26:00	Tamper Mode - Started			
	Door 5 23/08/2006	Door#5 20:33:59	Tamper Mode - Started			
Pages: H 4 1	H 4	•				」

6.5.3 Auxiliary Events/Doors 2 and 4

Settings:

- Report Type: Auxiliary events
- Doors: Door 2 and 4
- Date: 25/07/2006 to 01/09/2007



The following report is generated:



🛃 Door Events	s Report				
2	Zoom 100%	•			
			Rossi	are	
			Door Events	Report	
	From:	25/07/06	To: 01/09/07		
	Date	Time	Event		
	Door	2 Loadin	g Bay 1 Entrance		
	25/07/06	15:07:01	Auxiliary Opened		
	25/07/06	15:07:05	Auxiliary Closed		
	27/07/06	12:10:15	Auxiliary Opened		
	27/07/06	12:10:19	Auxiliary Closed		
	27/07/06	12:10:38	Auxiliary Opened		
	27/07/06	12:10:42	Auxiliary Closed		
	30/10/06	12:32:53	Auxiliary Opened		
	30/10/06	12:32:57	Auxiliary Closed		
	27/08/07	12:23:41	Auxiliary Opened		
	27/08/07	12:23:45	Auxiliary Closed		
	Door	4 Wareho	ouse Entrance		
	27/07/06	12:10:06	Auxiliary Opened		
	27/07/06	12:10.10	Auxiliary Closed		
	27/07/06	12:10:36	Auxiliary Opened		
	27/07/06	12:10:40	Auxiliary Closed		
	01/08/06	11:30:01	Auxiliary Opened		
	01/08/06	11:30:05	Auxiliary Closed		
	30/10/06	12:33:04	Auxiliary Opened		
	30/10/06	12:33:08	Auxiliary Closed		
Pages: H 4	1	4			

6.6 Generating Interactive Reports

To generate an Interactive Report:

- 1. On the toolbar, click **Reports**. The *Reports* screen appears.
- 2. Click Interactive Report.

The Interactive Report window opens.

C Engloyees lat by dool C Doors is by employee C Select Doors C S	Constant y endopee Constant Co	C Doors list by employee Produce options	C Select Doors:
	2.00x82 Points option P AD15 report C togle Tename		2 - Door#2
	Fiename		
	Biovse		

- 3. Select how you want the reports to be sorted.
- 4. Select production options: an AC115 report or a log file.
- 5. Select whether you want all doors/employees to be included in the report or a selected set of doors/employees.

If you choose to select the doors to be included in the report, then you must click on the check box beside each door you want to include in your report.

6. Click **OK** to generate the Interactive Report.

Some example Interactive Reports have been provided in the following subsections

6.6.1 Employee List by Door/All Doors

- Report Type: Employee list by door
- Doors: All doors



The following report is generated:

			-	-		
Interactive Report						
🚟 🖀 Zoom 100	% 🔻					
						^
Prin	nt Date:	01/01/2007	AC-115 Access Control	Page 1	/ From 1	
						=
			Rosslare	e e		
			Employees List by	Door		
			<u>employoos elst o</u>	0001		
	Employee	Name	Slot#	Employee#		
Dev	or 1	Door#1				
Doc		Door#1		_		
	Clod, Nik Long, Vear		5	5		
	Nir, Alen	1	4	4		
	Ogange, L	an	7	7		
	Smith, Gor		1	1		
	Stodd, Alel	(\$	3	3		
	Tim, Dom		8	8		
	Troy, Ely		6	6		
Doc	or 2	Door#2				
Doc	or 3	Door#3				
Dor	or 4	Door#4				
	N I	0.001#4				

Figure 21: Interactive Door Report of Employees by Door

6.6.2 Employee List by Door/Selected Doors

- Report Type: Employee list by door
- Doors: Doors 1, 4, and 5



Reports

The following report is generated:

			•			
🗔 Interactive Rep	iort					
🖉 🖪 🛛 Z	oom 100%	•				
						^
	Print Date:	01/01/2007	AC-115 Access Control	Page 1	/ From 1	
				-		
			Rosslare			
			nossiare	2		
				_		
			Employees List by	Door		
	Employ	yee Name	Slot#	Employee#		
	Door 1	Door#1				
	Clod, Ni	ik	5	5		
	Long, V	ean	2	2		
	Nir, Aler		4	4		
	Ogange		7	7		
	Smith, G		1	1		
	Stodd, A Tim, Do		3	3		
	Troy, El		6	6		
			0	0		
	Door 2	Door#2				
	Door 3	Door#3				
	0.001-0	0.00.00				
	Door 4	Door#4				~
Pages: H 4 1	• H 4	•				•

Figure 22: Interactive Report of Employees by Door

6.6.3 Doors list by Employee/All Employees

- Report Type: Doors list by employee
- Doors: All employees



The following report is generated:



	nteractive	Report							
<u>.</u>	e	Zoom	100% 💌						
			Print Date:	30/10/0	6 AC-115.Aci	ess Control	Page 1	/From 8	
					A	losslare	9		
					Doors Lis	t by Empl	oyee		
		Clo	d, Nik						
			Employee #		1	Slot #	1		
			Card / PIN (Code	0, 36233				
			Rights: Door #	2	Loading Bay 1 Entrance		Strike	Ausiliary	
						1			
			Door #	4	Warehouse Entrance		Strike	Auxiliary	
			Time Zones:		24 Hours				

6.6.4 Doors List by Employee/Selected Employees

- Report Type: Doors list by employee
- Doors: Selected employees



Reports

The following report is generated:

Interactive Report Image: Total Construction Print Date: 01/01/2007 AC-115 Access Control Page 1 /From 8 FCOSS/AICE Doors List by Employee Clod, Nik. Employee H 5 Stot H 5 Cord, Nik: Doorf: 1 Doorf: 1 Doorf: 1 Doorf: 24 Hours			
Pint Date: 01/01/2007 AC-115 Access Control Page 1 / From 8 Ross/are Doors List by Employee Clod, Nik Employee II 5 Slot II 5 Card / PIN Code 0.00006 Right: Door II 1 Door II Strike Auxiliary	Interactive Report		
Print Date: 01/01/2007 AC-115 Access Control Page 1 / From 8 FCOSS/AFC DOORS List by Employee Clod, Nik Employee 1 5 Stot 1 5 Card / PIN Code 0.00006 Right: Door 1 1 Door#1 Stirke Ausiliary	Zoom 100%	•	
Employee # 5 Stot # 5 Card / PIN Code 0,00006 Righte: Door # 1 Door#1 Strike Auxiliany		Rosslare	
Card / PIN Code 0,00005 Righte: Door # 1 Door#1 Strike Auxiliany		5 Slot # 5	
Door # 1 Door#1 Strike Auxiiary		0, 00006	
	Rights:		
Time Zones: 24 Hours	Door# 1 Door	#1 Strike Auxiliary	
Pages: K 4 1 + K 4			

Figure 24: Interactive Report for Selected Employees

A. Language Setup

The AS-115 application currently supports the following languages:

- Chinese (Simplified) and Chinese (Traditional)
- English
- Estonian
- French
- German
- Hebrew
- Italian
- Russian
- Spanish
- Turkish

The English version of all of the above operating systems allows all Western scripts such as English, French, and Spanish to function by default.

A.1 Option 1 – Changing Languages within the AS-115 Software

If you are using Windows 2000 and above, you do not have to purchase the Russian version, as Windows 2000 and above already have multi-language support. You must still configure Windows 2000 and above to display the characters correctly and to function with your keyboard.

To set up your preferred language using AS-115:

- 1. On the toolbar, click **Setting**. The *Settings* screen appears.
- 2. Click the **Options** tab. The *Options* screen appears.

AC-115 In	iteliDoor Access Control Network - [Setting]	
Doors Setting Reports	Time Zowes Helddays Dock System Codes Optione Communications Use this polion to change the settings for code communications and testing doin connectors. Use this polion to change the settings for code communications and testing doin connectors. Communications Use this polion to change the settings for code communications and testing doin connectors. Use this polion to change the tergalage of the pogram to any one of the suggestion.	
Download Ext	Use this pation to grant or damy scientistic scients to the program's Expensions Use this pation to sharpy permotes and other safetyse	
	Data Base Use file option to Import. Export, Compact and Reliesh of Data Base, select Back, Up period and Location.	
😑 Offline	Operator: admin 7/17/2007 10:46 AM	- ,

3. Click Language.

If you are running the English version of Windows 2000 or above, then the following *Change Language* window opens.

Change Language	
Chinese, Simplified Chinese, Traditional English Estonian French German Hebrew Italian Russian Spanish Turkish	OK Cancel

4. Select the desired language and click **OK**.

The text in the window changes to the selected language.

If you do not see the language of your choice, try Option 2.

A.2 Option 2 – Changing the Default Locale on Windows 2000 and Above

For non-western scripts, such as Hebrew or Russian, you must use the Windows 95/98/ME/NT that is specific to that region of that language. For example, to view Russian text, you must have the Russian version of Windows 95/98/ME/NT.

The following is a step-by-step example showing how to change the language from English to Russian. The same steps can be used to change languages to any of the available languages.

To set up your preferred language using Windows:

1. Open the *Regional Options* window from your Windows control panel.

Regional Options	Ľ
General Numbers Currency Time Date Input Locales Settings for the current user Many programs support international settings for numbers, currencies, times, and dates. Set the locale in order to use the standard settings. Your locale (location): English (United States)	
Your system is configured to read and write documents in multiple languages.	
Arabic Armenian	
Set default Advanced	
OK Cancel Apply	

Assuming you want to see Russian text in the AS-115 PC software, you must first select "Cyrillic" in the language settings for the system.

- 2. Select the checkbox next to Cyrillic in the Language settings for the system.
- 3. You must click **Set Default** to confirm your language selection.
- 4. A small confirmation window appears.

Select System Locale	1	? ×
	lications to display menus and . Windows will use the code pag ge. Menus and dialogs of Windo	
Select the appropriate locale.		
English (United States)		•
	OK Cancel	

- 5. Select a Cyrillic compatible locale from the dropdown menu such as Azeri, Serbian, or Uzbek and then click **OK**.
- 6. Click **OK** to confirm the Regional Options Settings.

You may be required to insert your Windows 2000 (and above) installation CD to install additional files and to restart your PC.

7. Repeat **Option 1** from A.1 and you will now be able to select Russian from the language list.

B. Using the MD-08

The MD-08 is a Wiegand 26-Bit to RS-232 converter. It allows you to connect a Wiegand 26-Bit reader directly to one of your PC's COM ports. This permits you to program employee and system codes without being in Online mode. This provides the convenience of not being required to use a reader attached to a controller in the network when setting employee and system codes.

Instead, you may program employee and system codes using a reader attached to the MD-08. You could even pre-program all the employee and system codes for a network in your office prior to departing to the site of the AC-115 network you are installing or maintaining.

There are three ways to attach Wiegand 26-Bit readers to the MD-08:

- Wiring a reader directly to the MD-08's terminal block (Figure 25)
- Attaching a Rosslare reader directly to the MD-08's connector input (Figure 26)
- Installing Rosslare's MD-12W Proximity Reader Module directly into the MD-08 (Figure 27)



Figure 25: MD-08 Terminal Block Wiring

(Readers are not provided with the MD-08 and must be purchased separately.)

Figure 27: MD-12W to MD-08



(The MD-12W is not provided with the MD-08 and must be purchased separately.)



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