

Axcys Integrated Security Control System

User guide 2015

Table of Contents

Axcys Integrated Security Control System	3
Introduction	4
About This User Guide	5
About Global Electronics	6
Contact Information	7
Support	8
Axcys Integrated Security Software	9
Main Screen Elements	10
Axcys Integrated Security Control System	11
Main Screen menu bar	13
View	15
Remote Status Display Options	17
Functions	19
Tenants	20
Tools	21
System Administration	22
Alarm Security Controls	24
Intelligent Power Supply Settings	25
Help	26
Live Internet Support	28
Written Help	29
Manuals	30
Global	31
MSTC	33
Screen Views	34
Choose Gate To Open window	35
Create Tenant Special Message	37
Report Generator	40
Print Information Data path = C:\Site_Data\StrongBox\Data window	41
Frequently Asked Questions	44

Axcys Integrated Security Control System

by Global Electronics, Ltd.

Users Guide

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Introduction

Global Electronics, Axcys System has been designed low maintenance, trouble free operation. Naturally this depends on the quality of the installation and infrastructure provided including wiring, door contacts and overall facility design. However, Global's engineers have made extraordinary efforts when designing the electronics and system software to allow the components to "self compensate" for less than optimum installations, and installation/facility design. Globals electronic components are made to be field repairable, and in many cases, field upgradeable. Some aspects require a trained technician on site, others simply require the skills of an ordinary person. Further, of high priority to Global is to provided backward compatibility of software and electronic components. Thereby limiting possibility of product discontinuence or incompatibility. Since Globals begining in 1995, none of Globals products have ever been discontinued!

Global appreciates customer/installer/user comments both positive and negative. It is from customer product suggestion and criticism that drives new product development and enhancements/changes to existing products. We encourage you to contact Global with all of your comments!

About This User Guide

This user guide has been designed to provide an overview of the normal activities which Self Storage managers need to be aquainted with. It is not designed to be a system set up, or trouble shooting manual. Following Software/system installation and configuration, non-technical personnel are strictly discouraged from attempting to modify system settings independantly. If you find a system setting/configuration parameter is not optimum for your existing requiements, please contact your local dealer or Global Electronics directly (see the Support section).

When configured to work with a Property Management System (PMS) Axcys' normal operations are automatic requiring no action by a human. All changes to tenants, including Move-In, Move-Out, Lock-Out (Suspension) or Lock-Out Removals are automatic and are driven by the PMS. Changes to unit status such as alarm enabling and disabling are automatic. Automatic removal from On-Site may be accomplished both by KP use, as well as system timers in case a tenant fails to code out.

As part of Globals support services, training for these and more advanced topics are available.

About Global Electronics

Global Electronics, Ltd., established in 1995, is a privately held Arizona Corporation. The manufacturing facility is located in Chandler Arizona at 500 N 56th Street, Suite 15, Chandler Arizona 85225. The company was originally founded as a contract manufacturer - manufacturering other companies product for them. Global began manufacturing for the Self Storage Industry in December 1995 when contracted by Mini Storage Technology Corporation (MSTC). Although no longer contracted by MSTC, Global continues to manufacture and support MSTC electronic devices for customers throughout the world!

In 1998 Global has been Global began design and engineering for its products. Since then, there have been many new products which emerged from Global to support the Self Storage Industry. Most notable is our Patented Axcys Security Software and e-LocX, Globals electronic locking system.

Global is one a the few in the Self Storage Industry that performs most all operations within its factory. Design of all types including hardware, software, electronic and mechanical are all performed within our plant by highly skilled and experienced personnel. Global's manufacturing facility has been organized to effectively manufacture all of its products in a very efficient manner, enabling us to provide very high quality products at a competitive price. Further, having all aspects of manufacture under our direct control, engineering can quickly produce prototypes, monitor the production quality of every product at every stage of manufacture!

Global has invested heavily in manufacturing technology. Using the latest in robotic machinery and combining with skilled labor our products are the finest in the industry!

Plant tours provided on request! If you plan to be in town, call us for an appointment!

Contact Information

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Support

Support for your Electronic Access Control and/or Security Systems is available from a variety of sources. These include www.Global-Electronics.com, your local provider and Global Electronics directly. Global offers low cost annual support service plans and Software/Product maintenance plans.

Prepaid support subscriptions are available that include installation of updates over the internet, direct access to Globals engineers who will provide support by telephone, email and/or connection to your systems using Team Viewer or similar, during regular business hours. Support is provided for Global's Axcys Software, Axcys family of Electronic products and MSTC brand electronic products.

Consult your provider or Global for current service costs, new product information and current support options.

Axcys Integrated Security Software

Axcys Integrated Security Software is much like an account system. All actions are considered "transaction" and therefore are stored in the Axcys database, and therefore are all available for future retrieval. While the main screen of Axcys appears to be a Log, it is not. It is a list of Recent Activity. After filling ab out 20 lines, the screen is emptied, redied for new fresh activity to display. This however does not mean the activity (log) is not available. Utilizing Axcys' Print reporting functions, activity can be displayed on screen and/or printed to a printer for review as desired.

Main Screen Elements

In normal operation, only the main screen will be used to view facility activity. The following are illustrations of the Menus and Sub Menus contained within the Main Screen.

Axcys Integrated Security Control System

by: Global Electronics, Ltd. window

Application menu bar 🚺	🔏 Axcys Integra	ited Security Con	trol System by:	Global Electro	onics, Ltd.									
_	File View Fu	nctions Tenan	ts Tools Site	e GraphiX Sys	tem Administra	tion Help								
User Control Buttons 2	Back Up	Print	Open Gate	Alarm On	Clear On-Site	Tenant Msg								
	First Name	Last Name	Vehicle	Description	Date In	Time In I	Code Unit							
Client area 3	••••••													
	Remote Name	Remote Numbe	Condition	Unit No.	Date	Time	Remote Status	Te	nant First Name Las	t Name	J			
Recent Activity	••••••													
Recent Activity													1	
Recent Activity 4	Screen set to show	v Gate Activity Only	,								Rem	iote No:	4/6/2013	840 PM
Recent Activity	Screen set to show	v Gate Activity Ont	y			3					Rem	iote No:	4/6/2013	8.40 PM



Application menu bar File View Functions Tenants Tools Site GraphiX System Administration Help

Contains commands to manipulate the current view or document

Time In

Code

Unit



User Control Buttons

						
Back Up	Print	Open Gate	Alarm On	Clear On-Site	Tenant Msg	

Click Print to open report screen Click Open Gate to reveal access control choices to manually open access control point Click Alarm On to manually fire alarm Click Clear On-Site to manually clear all PIN On-Site instances Clock Tenant Msg to reveal Tenant Messaging



<u>Client area</u>

First Name Last Name Vehicle Description Date In



5) <u>Special User Messaging, Remote Number and Remote Status</u> Green Responding OK, Red Response Missed

	0	1			
Screen set to show Gate Activity Only	,		Remote No:	4/6/2013	8:40 PM

Main Screen menu bar



Main Screen Menu



2 <u>View</u>

View

Main screen view options



Functions

Special Functions



Tenants

Menu of Tenant related controls



Tools

Menu of special tools

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System Administration

System Administration

For authorized users only please



Help

Menu of Documents and Help



6 Who Is On Site?

✓ Who Is On Site?

Check to display the Who is On-Site section (upper section of screen)



Site Layout

Provided by license only

Remote Status Display Options



Use to adjust what is displayed in the lower portion of Axcys' Main Screen

All Activity All Activity Displays responses from all remotes regardless of their function Gate And Door Activity Gate And Door Activity Displays responses from access control and Unit Monitoring devices including alarm actions Gate Only Gate Only Gate Only Displays responses from only access control devices Door Activity Only

Door Activity Only

Displays responses from door monitoring devices only

•



Lock Activity

Displays responses from locking devices only

6	<u>Other</u>	
U	Other	•

Select to show boot activity from devices (not normally used)

Functions



Quick Access Functions



Commands Access Controllers to fire their relays, thereby opening all access points.

F5

2	Silen	<u>ce Alarms</u>		
		Silence Alarms	F4	
	Turr	ns off all alarm sounders		
[3]	Keep	PC Alarm Sound Off	-	
		Keep PC Alarm Sound Off		

Turns off Speaker in Computer or Controller



Keep All Alarms Off

Disables all alarm devices

Tenants



Provides access to Tenant/Account information and their current permissions.



<u>Day/Temporary Codes</u>

Day/Temporary Codes

Create a Day/Temporary Code.



NRC Code Wizard

NRC Code Wizard

Add/Delete Non-Revenue Code



<u>Tenant Wizard</u>

Tenant Wizard

Manuall Manage Tenants(Facilities without a PMS)

Tools



Specialty tools.



<u>Export Data</u>

Export Data

Exports selected data to a csv file which can then be imported into an external spread sheet program



Lock Gate Closed

Lock Gate Closed

Disables ALL inputs from Entry Keypads. No access will be granted to any PIN.

System Administration



This is main set up menu. Entering any of these areas should be done by a trained person. Consult Global support for more information.



Remote Device configuration, among others, this includes zone controls, elevator controls, relay controls

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5 <u>Sitewide Keypad Restrictions</u>	
Sitewide Keypad Restrictions	
Configuration for keypad area restrictions	
- Lock Managor	
6 LOCK Manager	
Lock Manager	
Configuration for e-LocX components	
Intelligent Power Supply Settings	
Intelligent Power Supply Settings	
Configuration for IPS devices.	
8 Wireless Device Manager	
Wireless Device Manager	
Configuration for wireless devices including unit monitoring	

9 Technically trained users only should access these sections

Alarm Security Controls



Sub Menu providing Managers the ability to execute changes to specific Alarm Security functions.



Silences all alarm sounders



DisArm Units

DisArm Units

Click to display Disarming window



Arm/DisArm on All Units

Arm/DisArm on All Units

Click to display Arm/Disarm All Units window



Arm/Disarm All Vacant Units

Arm/Disarm All Vacant Units

Click to display Arm/Disarm All Vacant Units window

Intelligent Power Supply Settings



Intelligent Power Supply Options

1 Set U	I <u>p Intelligent Power Suppli</u>	es
	Set Up Intelligent Power Supplies	
— IPS I	Defaults	
2 1101	IPS Defaults	
3 Man	ual IPS Controls	
-	Manual IPS Controls	۶.



Help menu topics

Written Help

Written Help

Displays sub menu options for written help and manuals

⊧



Live Internet Support

Live Internet Support

Displays sub menu for live internet support using Axcys Support



Audio/Video Help

Displays sub menu for Audio Videos



Manuals

Displays sub menu for PDF manuals of electronic products

5

Super User

Super User

For Global use only

License Details 6

License Details

Displays your licensed features/functions



Axcys System License

Axcys System License

Displays license

<u>About</u> 8

About

Displays information About Axcys Integrated

Live Internet Support



<TODO>: Insert description text here... And don't forget to add keyword for this topic



Written Help



<TODO>: Insert description text here... And don't forget to add keyword for this topic



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Manuals

File View Functions	Tenants Tools Site Graphi	System Administration	Help						
				Live Internet Support					
				Written Help Audio/Video Help					
				Manuals		Global	· • •		Global
				Super User		MSTC	·		
				License Details				2	MSTC
				Axcys System License					
				About					

<TODO>: Insert description text here... And don't forget to add keyword for this topic



Global



<TODO>: Insert description text here... And don't forget to add keyword for this topic

1	e-LocX Electronic Lock Manual
-	e-LocX Electronic Lock Manual
_	Ealymy Kormad Manual
2	<u>Ectypa Reypau Manuar</u>
_	EclypX Keypad Manual
_	
3	BasicX Keypad Manual
_	BasicX Keypad Manual
4	Proxitrol Alarm Manual
-	Proxitrol Alarm Manual
5	Communicator Manual
-	Communicator Manual
6	<u>Surge Protector</u>
-	Surge Protector

7	EclypX Mounting Holes
9	EclypX Mounting Holes

8 BasicX Mounting Holes

BasicX Mounting Holes

MSTC



<TODO>: Insert description text here... And don't forget to add keyword for this topic

1	<u>Convert MSTC To BasicX</u>
	Convert MSTC To BasicX
2	MSTC Keypad and Alarm Instructions
-	MSTC Keypad and Alarm Instructions
3	MSTC Electronic Hardware Trouble Shooting
	MSTC Electronic Hardware Trouble Shooting

<u>MSTC Power Supply Recommendations</u>

MSTC Power Supply Recommendations

Screen Views

The Preference section of the System Manager contains the Axcys License, information about your site, the hours of operation, allows you to set specific messages you want displayed on the Access Controller screens and many other items that you will set once and leave alone.

Screen Views: This is the section referenced is the bottom part of the main screen.

<u>View All Activity</u> - This is excellent for trouble shoorting, since it shows every response to each remote from every poll.

View Gate Activity - Only shows when a Access Controller receives a key press.

<u>View Gate and Alarms</u> - Only shows when activity from either a Receiver, Alarm Unit or Access Controller.

View Alarm Activity - Only shows when activity from a Receiver or Alarm Unit is received

Choose Gate To Open window



Client area

Remote Number	User Defined Remote Name	Relay On Time	Keypad	Slot Number
1	Entry	5		3
2	Exit	5		3
3	Entry	5		3
4	Exit	5		3





Hold Gate Open option

🔲 Hold Gate Open

Select Remote, check and click Execute to force the Access Controller to hold its relay closed. To return to normal use, repeat but uncheck this box.





Create Tenant Special Message

1

Send Tenant Special Message Form

PIN / Gate Coo	le ▼		(Unit	•	
Tenant Name					•	Chars
		Messag	e Lines to be se	ent		Remain
Msg Line 1						
Msg Line 2						
Msg Line 3						
Msg Line 4						
Clear Screen	1		Exit		s	ave





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12	Save button
13	Message Field 4
14	Exit button
15	Clear Screen

Report Generator

This is the Report Generator Screen. Various options allow complete reporting with user selectable queries.





Print Tenant Name?













Frequently Asked Questions

1. Access PIN/Gate code Length - The access code/PIN is limited to 1 10 digit number less than or equal to 2,147,483,647. The code is NOT a series of characters (numbers in this case) but rather a 4 byte Integer value.

2. Access PIN/Gate code Leading Zeros (0) - The access code/PIN is a 4 byte Integer. Leading zeros are automatically dropped since they do not alter the integer value. A code of 0100 is the same as 100.

3. Each tenant must have only one Access PIN/Gate code. If necessary to provide a different code for each unit, the tenant name must be slightly different - using a middle initial, or other discerning character (Jr, Sr, I, etc). This limitation has been removed in Axcys Facility Security Management product which is soon to be released.

4. For an access request to be granted, the following must exist.

a) A valid PIN

b) Tenant not locked out

c) Request be made within approved hours

d) a valid unit must be assigned to the tenants account