



Eclipse™

Eclipse™ Features

- Windows.NET platform
- Intuitive user interface
- Supports up to 16,384 readers per server
- Supports up to 131,072 inputs per site
- Supports up to 131,072 outputs per site
- Unlimited credential holders at host
- 64 Work stations
- Photo credentialing system
- Custom Macro Editor
- Global Automation
- Mass Notification (SMS/Email)
- 8 Simultaneous card formats per SPM per gateway
- Card format editor
- User definable EOL resistance
- Integrated report designer
- Intrusion detection
- Alarm management
- Graphical Maps and user interface
- CCTV control
- DVR control
- NVR Service
- Redundant Configuration
- FIPS-197 AES 128 bit encryption
- Biometrics
- Easy Lobby Integration
- Supports Microsoft Clustered Servers

Access Control and Security Management Software

The Eclipse™ software is a Microsoft Windows .NET platform suite of services that allows the user to configure, command and control the Mercury Security EP and AP Series access control hardware.

Eclipse™ is a full featured security management solution. Integrated security features include; access control, video management, intrusion detection, alarm management, photo credentialing, biometrics, graphics mapping, data management and reporting. The system is architected to support multi-user and multi-site applications with a high reader count and large credential population.

The graphics user interface (GUI) is designed to be intuitively obvious to the system operator. The operator can use GUI out of the box as shipped, or configure it to match all of their preferences for daily use. The GUI supports multiple monitors. All GUI screens, such as transaction information, alarms, configuration data and reports, can be docked or placed where the operator prefers to see the information presented.

Eclipse™ system software supports up to 16,384 card readers per application server. The system is compatible with magnetic stripe and Wiegand output readers such as proximity, bar code, fingerprint, hand geometry and FIPS 201 compliant devices. Keypads and integrated keypad readers are also supported.

Eclipse™ provides unlimited credential enrollment at the host. The controllers can be configured to support 350,000 users each. The enrollment database includes all pertinent access information and provides user defined fields for additional data. Photo ID is available as an integrated option.

Up to 131,072 inputs or outputs per application server can be configured. The inputs and the output relays may be assigned to door related functions or to general purpose I/O. The inputs support normally open, normally closed, supervised, and non-supervised circuits. End-of-line (EOL) resistance values are user configurable. The relays can be configured for fail safe or fail secure operation. The user interface allows direct control of the inputs and outputs which allows the user to mask and unmask the inputs or energize and de-energize individual relays. Time schedules can be associated with control of the system outputs.

ECLIPSE™ SOFTWARE SUITE SPECIFICATIONS

Eclipse™ supports up to 255 Access Levels, 255 Weekly Time Schedules and 255 Holidays per System Processor Module (SPM). Access levels specify which readers can be accessed on specified weekly schedules. Holiday can span multiple days and can be classified as 1 of 8 types.

The Intrusion Detection and Alarm Management system allows users to monitor system alarms and troubles. The user can create 64 different device classifications and 100 priority levels for alarms. When an alarm occurs, the user is prompted with a pop up acknowledgement window that can be accompanied with specified alarm instructions, audio file and live video. Alarms can be configured to trigger outputs or execute user defined linkage macros on alarm, trouble and reset conditions.

The system includes an intelligent linkage macro editor. This editor allows the user to create custom applications without the need for custom software. The user can specify a set of actions that will occur when a specified set of conditions have been met. Examples range from arm/disarm of alarm functions to man traps or other user imagined applications. The Global Automation system includes mass notification via SMS/Email.

The Eclipse™ system software allows the user to select 6 different anti-passback modes, 2 person rule, and up to 8 card formats per System Processor Module that can operate simultaneously.

Included in the software is a card format editor that allows the user to select from a library of popular card formats or use the custom format designer to create a user specified format.

Eclipse™ includes an integrated report designer. The designer includes many common reports and allows for the creation of custom reports.

Options include Global Automation, Roll Call/Muster, Easy Lobby, Graphic Maps, and Video Integration.

▲ SPECIFICATIONS

Environment		System Features	
Computer	Standard PC	Photo ID	Integrated
Operating System	Windows 2003/XP	Intrusion Detection	Yes
Database	Access, SQL	Alarm Management	Yes
Supported Hardware	All Mercury Security AP, SCP and EP Controllers	Card Format Editor	Yes
Maximum Capacities Per Site		Integrated Report Designer	Yes
	Eclipse 600	Linkage Macro Editor	Yes
Readers	128	User Definable End of Line Resistance	Yes
Inputs	1024	Anti-Passback	6 modes
Outputs	1024	2 Person Rule	Yes
Credential Holders	Unlimited at Host, 600,000 per SPM	Biometric Enrollment	Yes
Work Stations	4	Encryption	Yes
Access Levels	255 per SPM	CCTV Interface Editor	Yes
Schedules	255 per SPM	DVR Interface Editor	Yes
Holidays	255 per SPM	Redundancy Options	Yes
Alarm Priorities	100	Graphic Maps	Yes
Linkage Macros	Configurable	Video Integration	Yes
Device Types	255	Global Automation	Yes
Card Formats	8 per SPM	Mass Notification	Yes
		Roll Call/Muster	Yes

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