ACS Enterprise® Multi-Site/Tiered Configuration/Management Software Remotely Connect to ACS-1EUL Control Panels To:

- Lockdown or Force Open a sites entrance
- Manage and configure all control panels from one central location
- Deploy configuration updates to one, a selection or all controllers on demand or unattended scheduled background service batch mode on daily, weekly, monthly, annually basis
- Update schedules – normal branch operating hours or setup holiday schedules
- Upload BIN, Suspect and Reject credential tables
- Configuration Reader settings
- Configure branch; Open, Access and Closed schedule states, diagnostics, settings and event/credentials read messages
- Daily ACS-1EUL Controller date/time synchronization
- Support field service technicians within Maintenance Mode entry/exit and remote output activation
- Inquire, review and print system and credentials read events
- Card reader test data display
- Display the status of all inputs/outputs
- View/print/export reports or database lists
- ACS-1EUL firmware health check supervision
- ACS system diagnostics of failures provides for accurate dispatching of correct vendor to repair an issue

ACS Enterprise Multi-Site/Tiered software supports 1 – 5,000 ACS-1EUL systems an integral part of our monitored solution. AXSView is controlled, supervised, and configured through Parabit’s ACS Enterprise® software

ACS Software Suite and ACS-1EUL Controller supports AES 256 encrypted communication over TCP/IP via a fixed/DNS IP address. Our hardware/software solution also supports ethernet to cellular communication. ACS-1EUL Controllers support hardware and digital integration with Alarm Panels, DVR’s, ATM’s and more. ACS-1EUL controller and credentials read events are written to the ACS Software Suite Microsoft SQL database. A detailed log of user keystroke activity is written to the ACS Software Suite Microsoft SQL database and available for fault investigation.

ACS Enterprise is available in a Single Site Tech version and a Multi-Site/Tiered version

Monitoring features of the ACS Software Suite and ACS-1EUL Controllers:

AXSView supports notification of the following system events:

- ACS-1EUL reader physical overlay/RFI skimmer detected
- Reader cable cut
- Reader tamper
- Authorized/unauthorized reader changed
- Reader failing/failed
- Vagrant detected
- Mantrap active/inactive
- Lights are low/out
- Door ajar
- Door not opening after accepted media read
- Door not locking
- Power fail/restore
- Controller door open/closed
- Maintenance mode active/inactive
- Reader/Controller, Door Lock/Exit Hardware, Handicap Door Operator or Door/Storefront issue identification

Complete Access Control Suite

Parabit’s ACS Software Suite includes; ACS Tiered Multi-User Enterprise, AXSView Windows Service, AFH Windows Service and EMR. For redundancy a minimum purchase of 2 of each Windows Services is recommended for most client installations.

AFH collects and stores all controller system and credentials read events and confirms the health of the card readers by monitoring any drops in average daily card reads. AXSView receives and forwards controller real-time status messages to Parabit’s Event Message Receiver (EMR) or 3rd party IP based central monitoring system, such as MASTerMind from United Technologies. EMR displays real-time status updates of alerts and overall system health via Software, email and SMS.

Operation of AXSView, AFH, and EMR require installation and access to the ACS Enterprise SQL database.
OS, WORKSTATION, SERVER, SQL AND LAN/WAN REQUIREMENTS:

**Basic Workstation:**
- Intel or AMD CPU (Multi Core) 2.0 GHz+ (example: Intel® Core™ i5-4430 Processor)
- Windows 7, Windows 8 or Windows 8.1, Windows 10
- 4 Gig of Ram
- Hard Drive 60GB+ (minimum of 250megs free)
- Monitor capable of 1024 by 768 resolution
- 10/100/1000Mbs Network Card (TCP/IP)

**Basic Server (Up to 20 workstations):**
- Intel or AMD Server Class CPU (Multi Core) 2.0 GHz+ (example: Intel® Xeon® Processor E5-4603)
- .NET Framework 4.5+
- 16+ Gigs of Ram
- Raid 1 (or better) Hard Drive for Operating System (+120GB)
- Raid 1 (or better) Hard Drive for Databases (+160GB)
- 10/100/1000Mbs Network Card (TCP/IP)

**Advanced Server (21 to 50 workstations):**
- Intel or AMD Server Class CPU (Multi Core) 2.4 GHz+ (example: Intel® Xeon® Processor E5-4640)
- .NET Framework 4.5+
- 16+ Gigs of Ram
- Raid 1 (or better) Hard Drive for Operating System (+120GB)
- Raid 5 (or better) Hard Drive for Databases (+300GB)
- 10/100/1000Mbs Network Card (TCP/IP)

The ACS-1EUL Controllers, ACS Enterprise, AXSVView Service and AFH Service applications and database are to all be on the same network or have network connectivity over a WAN or LAN. Firewalls and port filters may need to be adjusted to allow open communication with ACS Panels and Applications over the network. A VPN or VLAN configuration is acceptable. ACS Panels do not support outbound message transmission via Modem / Dialup lines.