E-Plex® Enterprise
Software Specification Sheet

Express Installation

Client/Server Installation

General Description

The E-Plex Enterprise software is used in E-Plex 5700/5200 family of "standard" door locks and their equivalent Stand-Alone Access Controllers (SACs), and in E-Plex 3700/3200 family of "narrow stile" locks. The E5700 and 3700 are 125 KHz PROX based dual credential locks and E5200/3200 are single credential PIN access only locks.

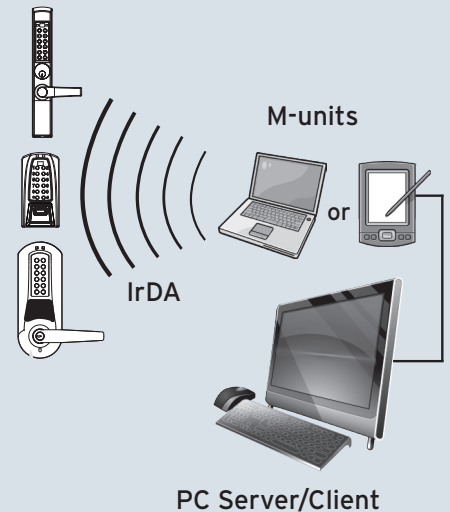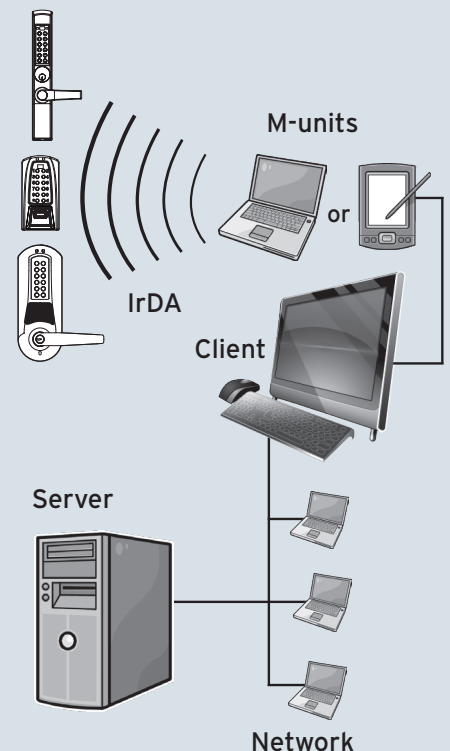|	
Architecture & Database:	• Server/Client based, runs either in Standalone mode on a single PC or in a networked environment on a server PC and multiple client PCs
	• Robust SQL based database using encryption to protect and manage securely all E-Plex user-lock related system database
Capabilities:	• Easily manages up to 3,000 users per lock; unlimited users in the database
	• Maintains up to 30,000 audit events in each lock including emergency mechanical override key usage for tracking purposes
	• 16 access schedules per lock; unlimited schedules in the database
	• 32 holidays/vacations per lock; unlimited holidays in the database
	• Guest/Visitor management with programmable expiry from 1 day to a year
	• Very flexible management of Service users who have PIN only access–Service users can have either one time access only, or 1 through 96 hour expiry access, or access with no expiry
	• Can quickly assign a new user to multiple doors, or assign multiple users to one door with the use of Access Groups concept, thus saving enormous data entry at the PC by the operator
	• Can import and export thousands of user profile records (names, PROX card IDs and/or PINs) from/to an external database source for managing large user profiles
	• Each customer site's computer database and that in the locks and the handheld programming/auditing unit (M-Unit) are all fully protected with the site's unique internal communications key, maintained by the software for utmost data integrity and security
	• Extensive Report generation capability such as Lock Audits reports, Operator Activity at PC reports, Access Groups reports, Access Schedules reports, Users by a Door and Doors by a User reports, User ID cards reports, etc.
Access Credential:	**Single Credential**–PIN only, or
	Single Credential–Card only, or
	Dual Credential–PIN followed by Card

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ID Card Supported:	Any HID compatible 125 KHz PROX RFID cards with wiegand bit format ranging between the standard 26 bits and up to 84 bits
Lock Upload/ Download Unit	Any Windows Mobile OS 5 or up based handheld Pocket PC PDA with built-in industry standard Infra-red (IrDa) communications interface, or Any Windows XP Home OS or up based Netbook or Laptop PC with an IrDa interface; an IrDa interface adapter is supplied with the E-Plex Enterprise Implementation software kit
ID Card Enroller:	pcProx (by RF Ideas Inc) PROX card reader/enroller required

User Access Levels

Master:	One global Master per entire system; 24/7 access to all locks with no schedule or lockout restrictions; can also program and audit locks
Manager:	Schedule based access–with no expiry; can also program and audit locks
Access User:	Schedule based access; can only access locks–with no expiry
Guest/Visitor:	Schedule based access; can only access locks–with maximum 1 year expiry
Service:	24/7 PIN only access–one time access, or 1 through 96 hour expiry access, or no expiry access
M-Unit (Communications):	24/7 programming and/or auditing capability of locks on site only; no entry access to any locks on site allowed

Passage & Lockout Modes:

Manual Passage:	Toggle passage mode on/off at lock keypad by the Master or the Manager(s)
First "Privileged User" In Passage:	Lock enters passage mode after a "privileged" user or manager opens lock at or after the start of scheduled access start time
Auto Passage:	Lock enters passage mode automaticaly at the start of scheduled access start time
Lockout:	Only the Master or the emergency mechanical key can override the lockout

PC, Operating System and M-Unit Handheld Requirements

PC Hardware:	• IBM compatible PC, 500MHz or faster; you will need additional PCs if your facility will operate under an E-Plex Server PC and multiple Client PCs networked environment • SVGA Monitor with minimum resolution of 1024 x 768 • CD-ROM drive for software installation • RF Ideas PROX card Enroller to enroll 125 KHz HID compatible PROX tokens • USB ports in PC to connect the PROX Enroller, the M-Unit handheld and a Printer (for Reports) • Minimum 1 GB RAM for Server PC (2+ GB for very large SQL database); for Client only PCs, minimum 1 GB of RAM • Hard Drive with minimum 4 GB free space for Server PC (10+ GB for very large SQL database); for Client only PCs, minimum 4 GB of hard disk space
Database Backup Media (Optional):	• USB Memory drive, or CD Writer, or Network drive, etc.
M-Unit (Maintenance Unit) Handheld:	• Pocket PC PDA with Windows Mobile 5.0 or higher OS with minimum 64 MB storage memory and minimum 64 MB RAM. The Windows Mobile PPC works under MS Active Sync (for XP OS) and under MS Mobile Device Center Connectivity Software (for VISTA OS). The WM PDA must have industry standard IrDa compliant interface port, or • Netbook or a mini Laptop PC with Windows XP Home OS or higher with minimum 4 GB storage memory, minimum 1 GB RAM and minimum 1 USB port **Note:** The PC M-Unit (Laptop or Netbook) requires Kaba's E-Plex M-Unit Kit as an accessory; the kit contains a USB flash drive and an IrDA adaptor
Operating System(OS):	• Microsoft Windows OS − MS Windows XP Professional (SP 2 or higher), or − MS Windows VISTA Home Premium or Business–32-bit version only, or − MS Windows Server 2003 (for networked environment only)

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