

Overview

The Card Access Report Management Application (CARMA) is an HTML-based report administration tool designed to allow department managers or other responsible parties to generate their own reports. It works with the GE Picture Perfect™ system, and can be run securely with password authentication from any PC on the network.

The CARMA software runs on a Linux-based PC Web server, which periodically connects to Picture Perfect and retrieves the database. Reports can be run quickly and easily using a standard Web browser. The results can be printed immediately, saved in Microsoft Excel format, or sent to an e-mail address.

Based on open source technology for low cost and high reliability, the CARMA system runs on your network with minimal impact on your existing infrastructure. Queries are NOT run on the Picture Perfect server, which greatly improves performance of both your Picture Perfect operations as well as report generation. This also offers increased security since the remote clients only connect to the CARMA server.

Standard Features

- Connects to Picture Perfect AIX and Linux
- Works with Picture Perfect 3.0 Standalone, Redundant, or Enterprise systems
- Database partitioning supported to allow user reports based on department or facility
- Full User Authentication supports password aging, alphanumeric, minimum length and encrypted passwords
- Full User Administration allows Add/Modify CARMA users, view login and SQL query history for each user
- SSL capable, industry standard 128-bit SSL encryption
- Configurable History Size spans the Picture Perfect archive rollover requirement; it is factory set for 4 months and is user configurable up to the available hard disk space
- Easy to use with simple pick lists and query windows; no SQL knowledge required
- Fast performance optimized server and database configurations for quick reports
- Supports an unlimited number of users
- Provides the ability to monitor status of microcontrollers and display firmware versions in real-time
- Provides the ability to simultaneously query against multiple criteria in the same table at once

Card Access Report Management for Picture Perfect



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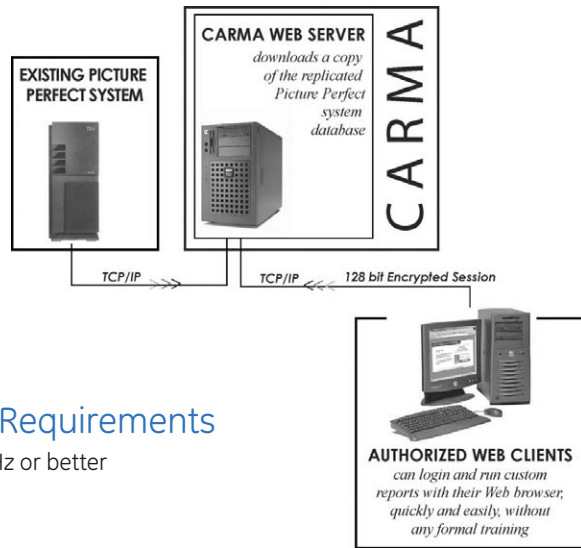
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System Configuration



Minimum Server Requirements

- Intel Pentium III 800 MHz or better
- 512 MB RAM or better
- CD-ROM drive
- 18 GB HDD
- Red Hat Linux supported SVGA card
- Red Hat Linux supported 10/100 MB Ethernet NIC

Recommended Server Configuration for Systems with High Transaction Rates

- Dual Pentium 1 GHz or better
- 1 GB RAM or better
- Fast/wide SCSI controller
- 36 GB HDD or better
- CD-ROM drive
- DDS4 4 mm DAT tape drive (for backup)
- Red Hat Linux supported SVGA card
- Red Hat Linux supported 10/100 MB Ethernet NIC

Software Requirements

- Red Hat Enterprise Linux 3 x86 family of operating systems
- httpd Web Server 2.0.46 (ent) or later
- PHP HTML-embedded scripting language
- 4.3.2 (ent) or later
- MySQL-server and MySQL-client 4.1.7 or later (MySQL Database and Client Application)
- Mod_ssl (ent) for secure Web sessions
- IBM/Informix-Client SDK Version 2.81.UC3
- PHP-MySQL 4.3.2 (ent) (PHP applications that use MySQL databases)

The above software components are included with the CARMA software and are automatically configured during installation.

