# Highpower Management System Enterprise

SQL Based Access Control System for Client-Server Installations

The Highpower Management System Enterprise (HMSE) is a simple to operate yet powerful SQL based access control system. It was designed natively to support fast, multithreaded TCP/IP based communications with the hardware of the system. Due to the fast communication architecture of the server application, HMSE can be scaled from a small one door system up to a large system with hundreds of doors. HMSE has no limit on the number of users that can be entered into the system.

Key Features

- Client-Server based system that allows multiple computers managing the same access control system simultaneously.
- Designed around an open Microsoft SQL Server database that not only provides high performance, but also allows direct access to data.
- Uncluttered client interface keeps things simple for end users to use.
- Can be used with virtually any card format, and even has the ability to work with alpha-numeric cards like barcodes and Track-1 magnetic stripe cards.
- Real time card activity logging and email alert delivery service.
- Included Microsoft Excel spreadsheet data import allows you to easily import data from from Excel spreadsheets.
- Redesigned Crystal Reporting feature allows quick creation of reports that can be exported to many other applications and formats, including PDF, Microsoft Word and Microsoft Excel.
- Email Alert feature allows the system to send emails notifying that a particular card or card holder has accessed the system.
- HMSE Server application runs as a Windows Service to log transactions even when the client software is not running and when no one is logged into Windows.
- Easily obtainable, HMSE is licensed by number of doors or packaged as a kit with the 8000 door controller.

Advanced Hardware
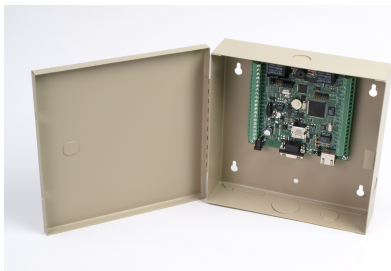
The Model 8000 door controller is a 802.3af compliant power-over-ethernet based door controller. The controller can be powered exclusively using a POE Ethernet network drop or can be optionally powered with a plug in wall transformer. The 8000 controller is the only power-over-ethernet controller on the market that can power itself, two card readers and two electric strikes off of one network drop. The 8000 can function completely independent of the HMSE software, so the reliability of your access system is not dependent on the quality your network. The 8000 can be programmed to work with virtually any new and existing card format including proximity, barcode and mag-stripe cards.
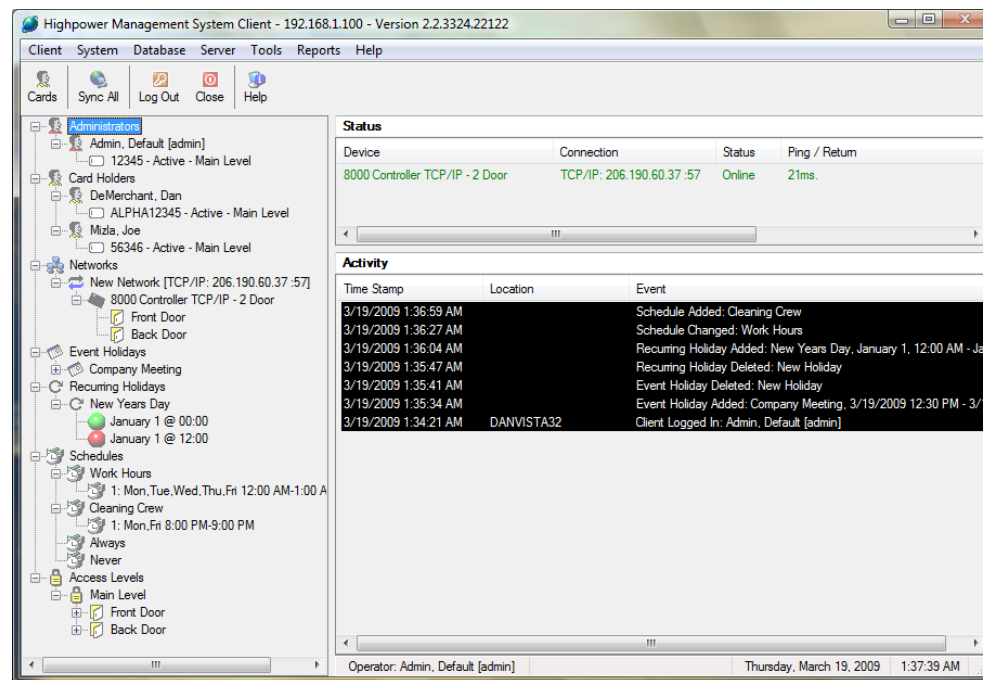
Highpower Management System Client Screenshot on Windows Vista

Scalability and Deployment

- The only limit placed on the number of controllers that can be used in the system is regulated by your particular software license. There are 2 doors per controller.
- Virtually unlimited number of card holders with up to 10,000 card holders per door with some card formats.
- Hyper-Syncing feature designed into the HMSE Server application *synchronizes with multiple controllers simultaneously with up to 32,000 controllers at one time,* dramatically cutting down the time to update systems with many 8000 door control panels.
- HMSE Client application uses TCP/IP based commands and Microsoft .NET Remoting for fast client transactions with the HMSE Server.
- Tested to run on 32 & 64 bit versions of Windows XP SP2, Windows Vista and Windows Server 2003.
- Hardware assembled in U.S.A. with software written and supported in U.S.A.

HIGHPOWER
SECURITY PRODUCTS

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