

Experion eServer



Experion eServer enables users from any location on the business network to view Experion custom process graphics using their web browser.

Browser-based Access to Real-time Process Data

The Experion® Process Knowledge System (PKS) eServer provides secure access to real-time and historical process data. Using an Internet browser, Experion eServer users view the same custom process graphics as those used by operations.

Experion eServer is an integrated, view-only solution in a single, scalable package that offers secure access to multiple casual users. eServer ensures high performance and minimal impact on target systems and process control networks with robust security and ease of administration.

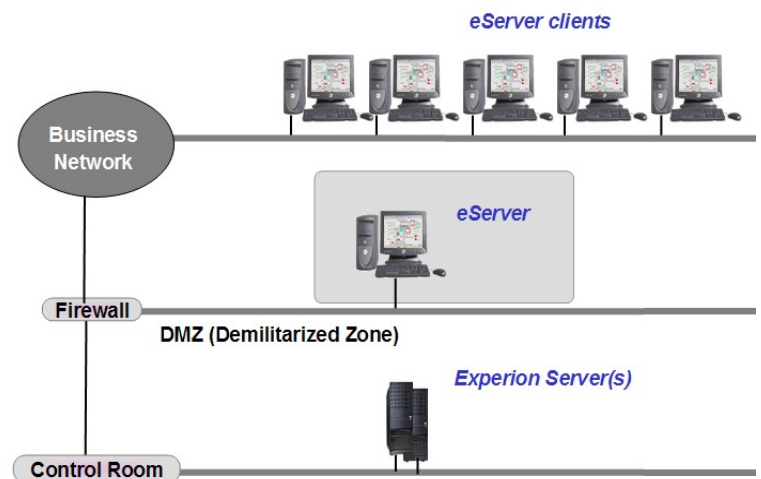
To accommodate a variety of user needs, two classes of access are available with Experion eServer. Experion eServer Standard Access is included with the Experion eServer base software for an unlimited number of users and provides a static “snapshot” of the custom display. Experion eServer Premium Access is an option that is licensed per concurrent user, providing live updating Experion custom displays and trends. Both connection types provide direct browser access to real-time process data while ensuring that plant security is maintained. To ensure eServer is isolated from process operations, Standard and Premium Access users have no ability to make control actions, view system displays or view and acknowledge alarms and events.

Standard Access

Experion eServer Standard Access is a zero footprint solution, enabling access to Experion custom graphics only. Experion eServer Standard Access provides:

- Access for an unlimited number of users
- View of live custom graphics from any web browser

No client installation is required for Standard Access. Simply start the web browser and direct it towards the Experion eServer. The unique feature of caching the process displays against the demands of the users guarantees the performance of the Experion eServer Standard Access connection. This ensures quick call-ups during busy periods of use.



Experion eServer can be used to isolate the process control network from the business network.

Premium Access

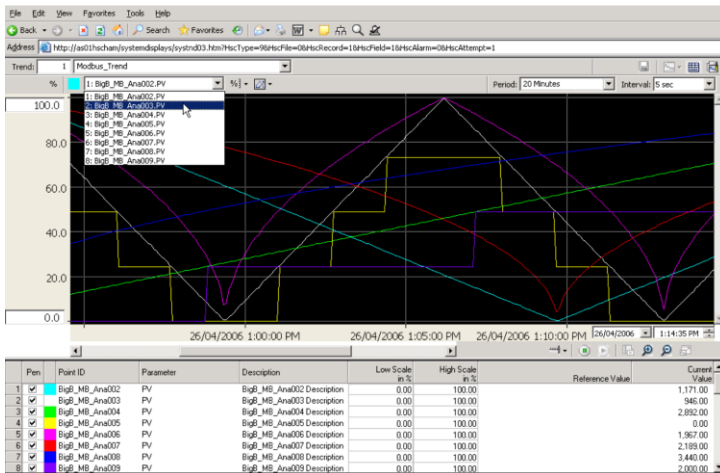
Experion eServer Premium Access is available optionally with Experion eServer, providing a dynamic browser solution that displays live, updating Experion custom graphics. A simple installation of the Premium Access client from the web enables

immediate access to the dynamically updated process graphic displays for authorized personnel.

Historic and Real-time trending

Experion eServer Premium Access users can view Experion trends and reports from their desktop. With up to 32 trend pens per trend display and easy-to-use time range selections, users have powerful Experion analysis capabilities at their fingertips.

Clients are view pre-configured trends and pause and restart, zoom, scroll, and turn trend pens on and off. Clients can copy-paste trend data and change the time period, time interval, chart type and scale.



Access historic and real-time trends from your web browser.

Information Delivered Efficiently and Securely

Customers are sensitive to the ongoing need to deliver information efficiently to many more users while protecting and preserving the integrity of their process control environments. Experion eServer includes up to twenty Distributed System Architecture (DSA) connections to enable the read-only link to the Experion system. Implementing a secure firewall between the Experion Server(s) and Experion eServer isolates the process control network from the business network. If your facility has a system comprised of multiple Experion Servers, DSA further simplifies security by focusing casual user access to one node, the eServer, rather than to each Experion Server in the system.

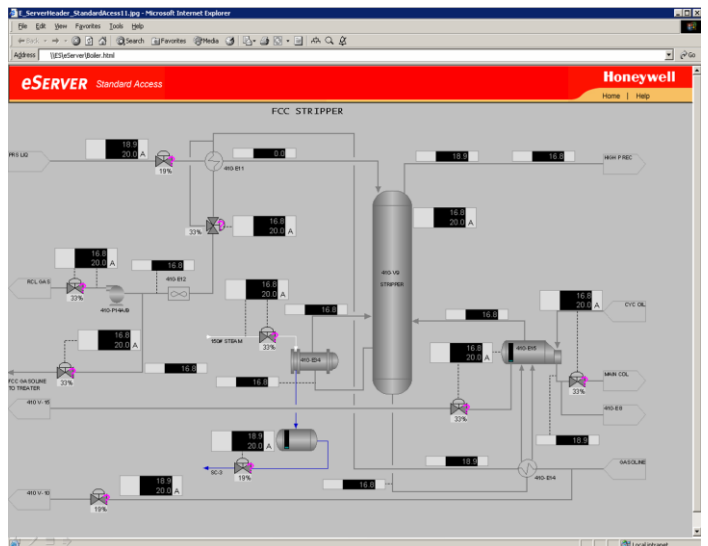
Reduce Installation Costs

Just as important as the security benefits offered by Experion eServer are the engineering savings. When Experion eServer is linked to Experion systems, users are able to call up the very same HMMWeb custom graphics that are used in their control system, without functionality-reducing exports or cumbersome plug-ins. There is no need to build replicas of operational graphics.

Within minutes of installing Experion eServer, users navigate through live Experion custom process graphics from their desktop. When an Experion point is added, this point is immediately available to Experion eServer, removing the need for duplicate point configurations.

Automatic discovery of points also means that no engineering is required by the user to call-up point data from the connected Experion systems.

Experion eServer clients only need their browser, reducing the requirement for local installation and training on specific software.



Access Experion custom displays from your web browser.

Integrate with Experion-connected Controllers

Experion eServer can retrieve data from all controllers that are connected to an Experion Server including C200, C300, SCADA devices and TPS. When Experion eServer connects to the Experion Server TPS (ESVT), an efficient caching mechanism discovers TPS point parameters as needed.

Comparison Table	Standard Access User	Premium Access User
Browser	Browser independent.	Microsoft Internet Explorer
Operating System	Operating system independent: Use any operating system including Linux, Mac, Windows CE, etc.	Microsoft windows XP SP2 or SP3
Hardware	Hardware independent: Use any hardware that can connect to the eServer web server including PC, PDA, etc.	3.0 GHz Pentium IV PC or faster ¹
Footprint	Zero footprint solution	Thin client solution
<i>Note 1: A PC not meeting this specification may still perform acceptably for small systems</i>		

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More Information

For more information on Experion, visit www.honeywell.com/ps or contact your Honeywell account manager.

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