

Data Hiway Ethernet Bridge (DHEB)



Honeywell's Data Hiway Ethernet Bridge is a cost-effective way to upgrade to Experion, improve existing Data Hiway communications and retain installed controllers.

Features

Honeywell offers Data Hiway customers a cost-effective way to upgrade their systems to the Experion® Process Knowledge System (PKS) while improving the performance of their current Data Hiway communications. The Data Hiway Ethernet Bridge (DHEB) provides a high-speed Ethernet connection between the Data Hiway and the Experion server.

The DHEB can be directly connected to a server in one of several ways:

- Via a cross-over cable
- Through standard Ethernet switches
- Via a single connection to a Fault Tolerant Ethernet (FTE) switched network

The DHEB allows legacy controllers to connect to Experion. For customers who have not upgraded from Data Hiway, the DHEB offers an opportunity to move to the latest systems platform without going through intervening migration steps. For those customers who have an existing Data Hiway Bridge, the DHEB offers increased performance.

Benefits

Faster Data Transfer: The high-speed DHEB spans the complete bandwidth of the Data Hiway, eliminating system bottlenecks at the bridge.

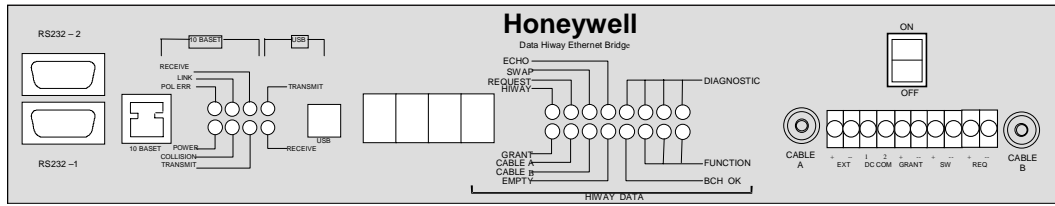
Enhanced Performance and Integration: For customers with Basic Operator Stations (BOS) and Enhanced Operator Stations (EOS), Experion with DHEB provides the opportunity to replace the BOS and/or EOS.

Convenient: The Data Hiway/Experion PKS interface includes these added conveniences for users:

- Data Hiway diagnostics
- Configuration on- and off-line
- State control
- Upload/download to Hiway boxes

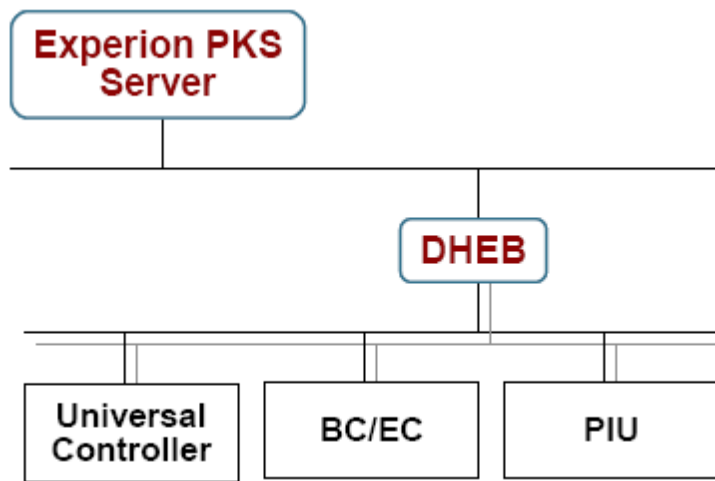
Installation

The DHEB is a 19" rack mount device. It may be installed in existing KOP or Classic Consoles and in conjunction with the Experion system, can replace existing BOS/EOS electronics, CRT and keyboards. Icon and Z consoles can also be supplied.



DHEB Module – Front Panel

The DHEB connects to both Data Hiway cables A and B (see diagram above). It also has connections for the Hiway Traffic Director and/or the Preferred Access Expander. The bridge is considered a preferred access device on the Data Hiway.



For new DHEB installations, one week of engineering support is required in addition to the price of the hardware. For upgrades to existing SCAN3000 and/or PlantScape® systems, three days of engineering support is required in addition to the price of the hardware. The engineering support is added to the installation in order to ensure all migration issues are addressed.

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For More Information

To learn more about Honeywell’s Data Hiway Ethernet Bridge, visit www.honeywell.com/ps or contact your Honeywell account manager.

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