

# Honeywell Experion Orion and Barco OpSpace

## Improved Operator Effectiveness over a Greater Scope of Responsibility

### Honeywell Integrated Control and Safety Systems

Honeywell Experion® Process Knowledge System (PKS) integrates an advanced automation platform and innovative software applications to improve users' business performance and peace of mind. Unifying people with process, business and asset management, this distributed control system (DCS) helps process manufacturers increase profitability and productivity. It's the only automation system that focuses on people — making the most of the knowledge they hold. By integrating disparate data across facilities, making the most of resources and people, and feeding it all into a unified automation system, users can achieve an operation that's more proactive, efficient and responsive..

### Barco

Barco provides flexible and mission-critical visualization software and hardware products consisting of high-quality displays, rear-projection and near-seamless LCD video walls, professional grade graphics controllers, Control Room Management suite (CMS), and OpSpace - the first personal workspace that enables the operator to be more efficient by offering an integrated view, control and interaction. This patent pending technology allows all relevant information to be consulted and manipulated with just one mouse and keyboard. The operator is now in the center of the information – with all data, even from secure networks, within easy reach

### General Concept

#### Improved Operator Effectiveness over a Greater Scope of Responsibility

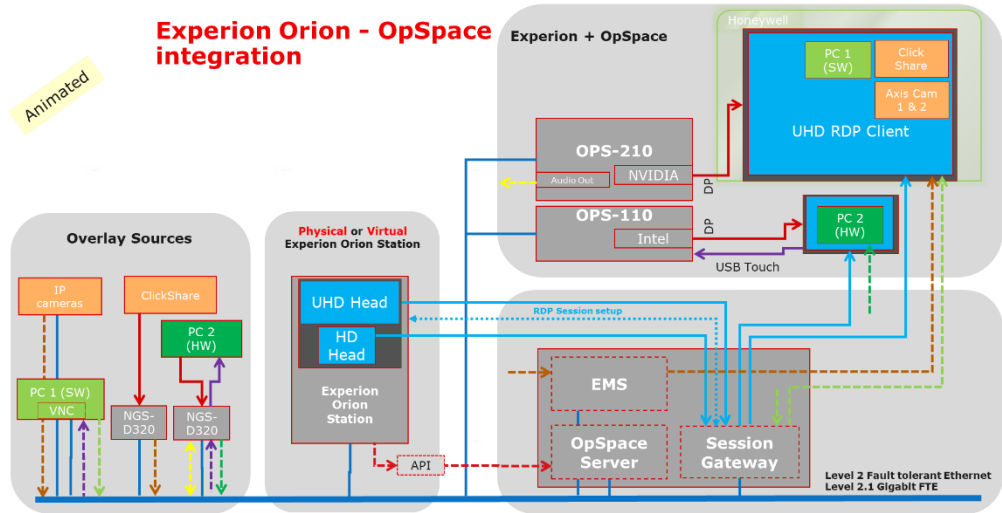
Experion Orion Console uses a combination of technologies to increase situational awareness and enable faster response to changing conditions:

- Large ultra-high definition screens allow flexible layouts of overview and detail displays as well as related applications and video.
- Advanced Display Technology integrates operating limits and targets directly into overview displays for at-a-glance status assessment and process operation closer to the optimum.
- Predetermined displays for context-specific process issues, advanced alarm management, pan and zoom and touchpad capability allow better prevention and analysis of abnormal situations.
- Ergonomic design improves operator comfort and reduces fatigue.

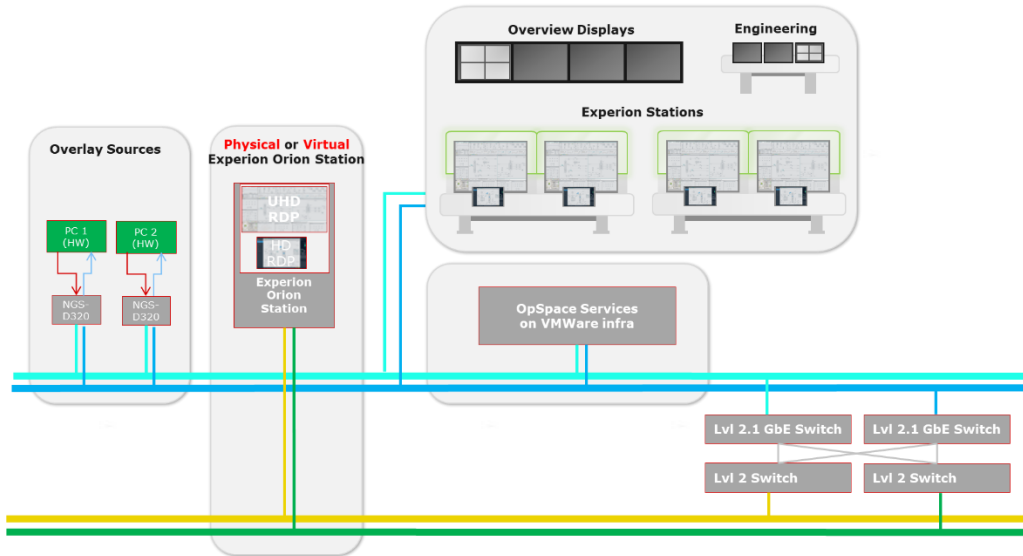
### Benefits

- **Operator effectiveness:** Improved situational awareness and control across the process
- **Health and safety considerations:** Meets HSE requirements and reduces fatigue-related absences
- **Comfortable and alert operators:** Reduces fatigue-related incidents and increases productivity
- **Faster and more effective navigation:** Reduces process trips and incidents
- **Bundled solution** from a single supplier: Provides out-of-the-box console furniture integrated with control system software
- **Effective cable management:** Reduces installation and maintenance costs

# Architecture



## Network Topology: Level 2 and 2.1 connectivity



## Solution requirements

- Honeywell Experion Orion console
- OpSpace (see sales representative for supported versions)
- Delivery via Barco Certified OpSpace Partner

## Request more information

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### About the Barco Strategic Alliances program

Great products need great focus. That is why Barco allies with other top players in their fields of expertise to build the best solutions available. By combining complementary strengths, we can optimize the integration of the systems and offer one single system to the customer. This simplifies deployment, optimizes efficiency, minimizes reaction time, and reduces costs in a variety of selected professional markets. This creates a win/win situation for all parties involved, our customers in the first place.

More information? Please visit our dedicated webpage [www.barco.com/alliances](http://www.barco.com/alliances)