

# Control room consoles - Extended Operator Workplace EOW

ABB's unique control room consoles specially designed and optimized for 24/7 operations reduce operator's fatigue, create alertness and improve user health and well-being.

The control room operator's actions have a direct impact on up-time, production output, quality, and safety. Control room workplaces from ABB are designed to optimize operator efficiency by minimizing response time and supporting 24/7 operations.

An operator environment designed with human factors in focus can convert potentially dangerous fatigue and distraction into proactive alertness that extracts the very best from every individual - in both routine operations and critical situations.



## Human factors and ergonomics

How to enhance control room operator capacities

## Are you looking for support or purchase information?

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## Operator alertness is the key to profitability

The environment created by ABB's Extended Operator Workplace (EOW) platform keeps the operator in focus by providing unparalleled workplace ergonomics plus a close pre-integrated large-screen overview for clear and concise plant-wide visualization. The EOW platform is much more than just a traditional operator desk. It includes everything needed to fulfill the latest human factor standards.



View the EOW functionalities and best practice of ergonomics promoting alert operators and productivity.



High performance screen areas with personal settings reduce fatigue and improve alertness.



Each individual has different dimensions and preferences. With touch controls it's easy to set desk settings, sound, and light.

## Our offering



### EOW-x

Extended Operator Workplace



### EOW-i

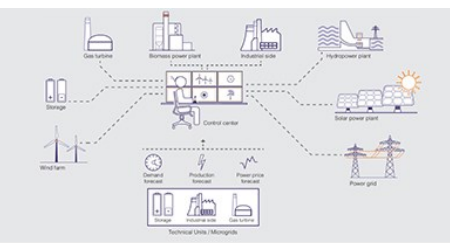
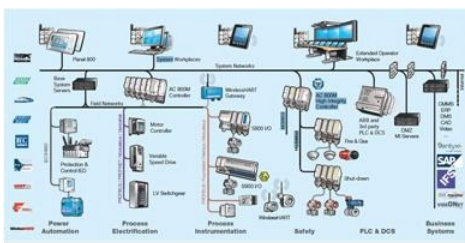
Intelligent Extended Operator Workplace

## Control room designs that drive efficiency and cut costs

Integrate EOW into optimal control room environment

[Control room design](#)

## Systems that can be operated from the EOW



## ABB Ability System 800xA

System 800xA is not only a DCS (Distributed Control System) it's also an Electrical Control System, a Safety system and a collaboration enabler with the capacity to improve centralization, consolidation, remote operations, preventive maintenance, mobility, simulation and adoption of standards in any industry

## ABB Ability Symphony Plus

Total plant automation specially tailored for the power generation, water and wastewater industries, with unique system architecture that provides flexible and scalable configurations and modern solutions for renewables, microgrids and virtual power plants

## Other systems

Open up new possibilities by connecting a mix of DCS / SCADA / PLCs from earlier generations and different vendors, Electrical Control Systems, Safety Systems, ERP, DCIM, video surveillance to a common operator interface / collaboration environment - independent of connected controller types and data sources

## Downloads for Operator Workplace

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