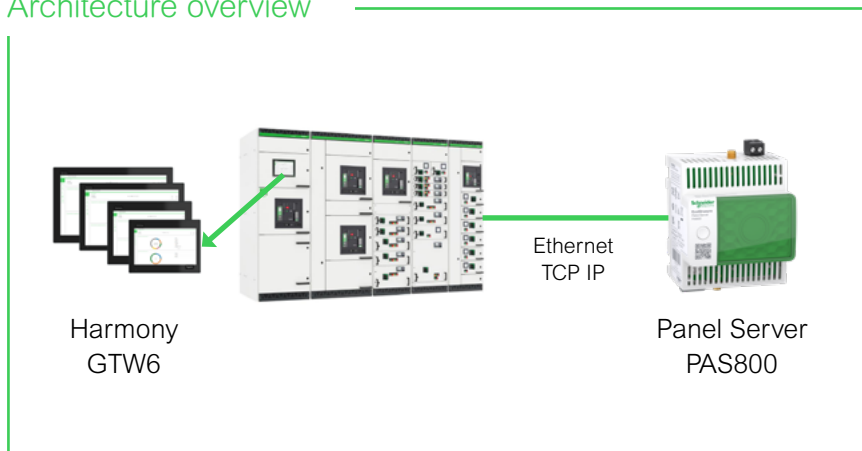


# Secure, smart, and versatile web HMI for all intelligent electrical applications





## Harmony GTW6 and Panel Server PAS800

Harmony GTW6 is a web-based HMI offering an intuitive interface for real-time monitoring and control of industrial processes. Accessible via any browser with HTML5 and HTTP/HTTPS support, it's perfect for automation and energy applications. Paired with EcoStruxure Panel Server, it provides a HMI solution for Schneider Electric Energy Low Voltage Switchboard.

### Architecture overview



### Benefits

-  Real-time visualization
-  High resolution display
-  Secure connectivity
-  Rugged and efficient design

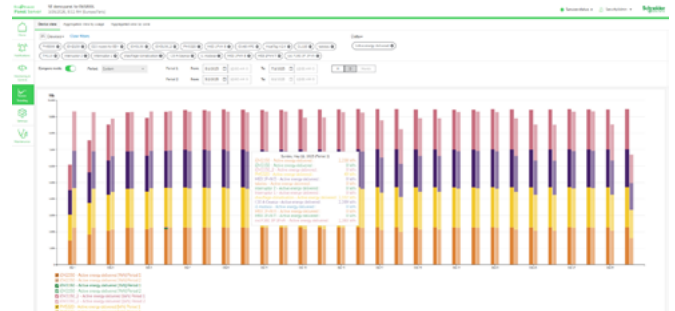
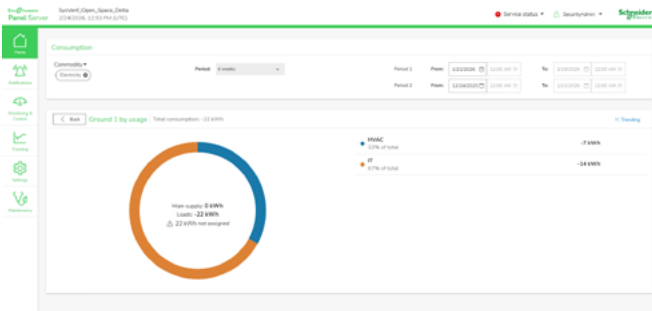
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## Energy management and Visualization

Visualize seamlessly your main Zone and Usage of consumption as well as their evolution, or deep dive into a detailed view of your energy consumption history by load, usage, or zone and spot potential abnormal behavior.

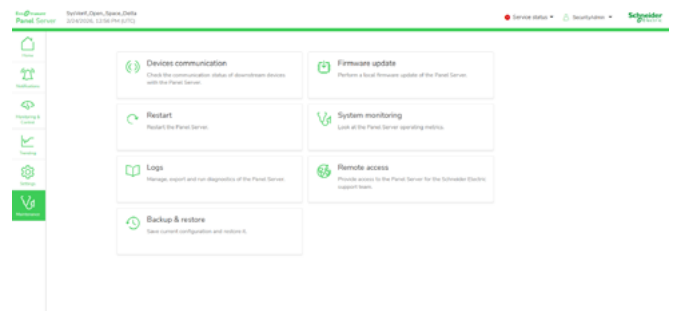
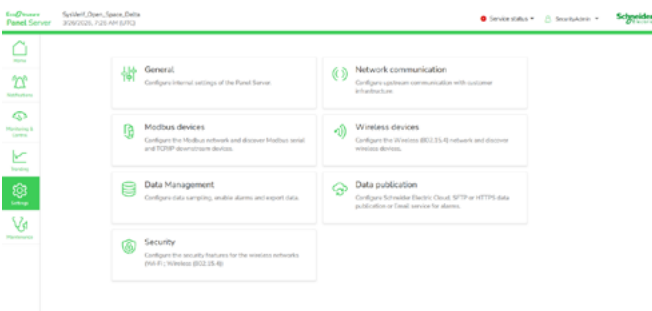
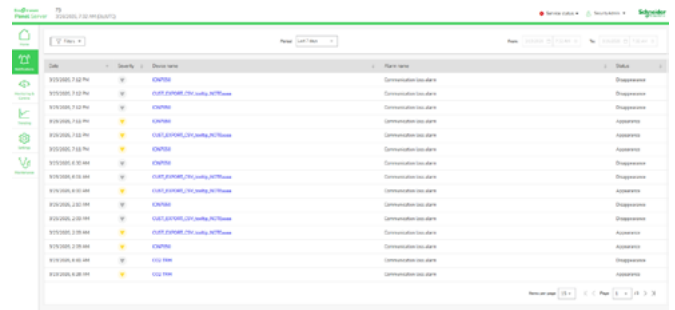
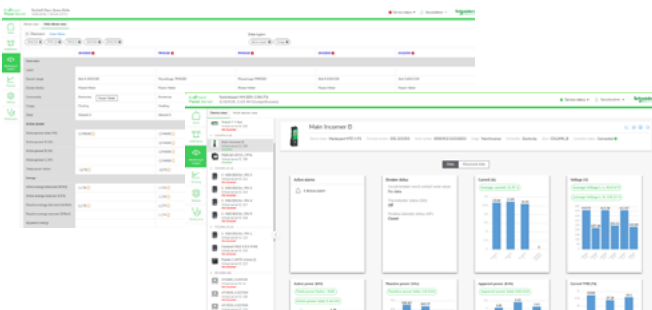
The combination of PAS & Harmony GTW6 offers a synthetic and centralized visualization solution on your switchboard front face to acquire a first level of energy management and analytics on-site.



## On site maintenance and troubleshooting

Perform on site maintenance of your switchboard easily with this wall-mounted Harmony GTW6 solution. Coupled with EcoStruxure Panel Server, benefit from centralized monitoring screens to visualize, monitor and troubleshoot your LV switchboard equipment.

The monitoring, Maintenance and Setting screens enable you to ensure proper meters connection, troubleshooting and alarms management for efficient on-site maintenance.



# Our solution

This is a plug-and-play solution requiring no programming. The Harmony GTW6 connects seamlessly to the EcoStruxure Panel Server via Ethernet TCP/IP. This integration enables customers to monitor, analyze trends, and manage energy data of all connected devices in buildings or in intelligent power and motor control centers installed in low voltage switchboards without the need to design or configure custom HMI screens.

## Key benefits

### Real-time insights

Instantly access energy data, detect issues, and receive alerts via EcoStruxure Panel Server. ~1 sec graphic rendering to ensure real-time visibility

### High resolution display

Sharp visuals in portrait or landscape for clear, detailed monitoring of EcoStruxure Panel Server data.

### Capacitive Touch

Smooth and modern user experience

### Secure connectivity

Supports HTML5 with secure HTTP and HTTPS protocols for encrypted, reliable remote web access. Can connect up to 20 devices on a single GTW6.

### Rugged and efficient design

Certified for harsh environments with energy-saving features (backlight mode-off, 101-step brightness control) for long-lasting durability.

## Applications

- Process automation
- Energy management
- Electrical distribution

## Target customers

- OEM
- Panel builders and electrical contractors



# References

Commercial reference	Description
HMIGT6540WCDW	GTW6, 10"W WXGA, PCAP, DC
HMIGT6640WCDW	GTW6, 12"W WXGA, PCAP, DC
HMIGT6740WCDW	GTW6, 15"W FHD, PCAP, DC
HMIGT6840WCDW	GTW6, 19"W FHD, PCAP, DC
PAS800/PAS800L/PAS800P	Local Energy server for Modbus and Wireless devices and sensors. Data concentration and first level analytics 110-240V / 24VDC / POE
PAS600/PAS600L/ PAS600LWD/PAS600PWD	Versatile Data concentrator for Modbus and Wireless devices and sensors 110-240V / 24VDC / 24VDC / POE
PAS400	Compact Data concentrator for Wireless sensors 110-240V

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