OSCAR Knows Remote Connectivity

REAL-TIME MONITORING | REAL-TIME CONTROL | REAL-TIME SAVINGS

Monitoring and process adjustment available remotely, both in plant and out of plant.

Security for Peace of Mind

Fully secure SSL (secure socket layer) based VPN tunnel is used for all traffic.

- Information exchanged is encrypted via SSL (2048-bit key) allowing only authenticated users to connect to the device located inside the control panel.
- The hardware device received its second Readers Choice award for 1st Choice Remote Machine Access Provider by Control Design Magazine (2016).

Xylem Remote Accessibility

- Control system support for programming changes or technical support of PLC and HMI.
- Process engineering support through analysis of screens and trends remotely.

Xylem provides 24/7 telephone support to ensure quick response to customer needs, without having to travel to site.

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OSCAR KNOWS REMOTE CONNECTIVITY

In-plant accessibility

Accessibility within the plant allows you to view and adjust all screens, setpoints and alarms on a computer or tablet at the plant.

- Two options available:
  - Wired secure viewer: running as separate application on a Windows computer or tablet.
  - Web based thin client: running on Internet Explorer web browser on a computer or tablet.
- Allows screens to be seamlessly embedded within an integrator's SCADA using ActiveX controls, available in most SCADA packages.
- Requires Wi-Fi and/or Ethernet connection to the local area network (LAN)

Upon request, Xylem can provide and setup an industrial grade wireless Ethernet radio and Windows tablet for remote accessibility within the plant.

Out-of-plant accessibility

Monitor and adjust plant operation remotely when not at the plant through use of a computer, tablet, or mobile phone.

- Web based thin client
  - View and interact with screens, setpoints and alarms remotely
  - Runs on Internet Explorer web browser on Windows computer or tablet
  - Connect through secure webport

Studio mobile access (SMA) allows for limited access on the following devices:

- Android phones and tablets
- iPhone, iPad, iPod touch
- Blackberry
- Windows mobile phones

			Secure Viewer Client	Web Thin Client	SMA Client
Device	Windows PC		X	X	
	Windows Tablet		X	X	
	Smartphone				X
Remote functionality	Monitor and adjust		X	X	
	Monitor only				X
Accessibility	In-plant		X	X	X
	Out-of-plant		X (VPN)	X (VPN)	X
Connection	In-plant	Ethernet	X	X	
		Wi-Fi		X	
	Out-of-plant	Internet	X (VPN)	X (VPN)	
		Cellular/Wi-Fi			X

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