Pump Motor Monitoring

Avoid equipment downtime

> Facility owners and operators are looking for reliable equipment to minimize downtime
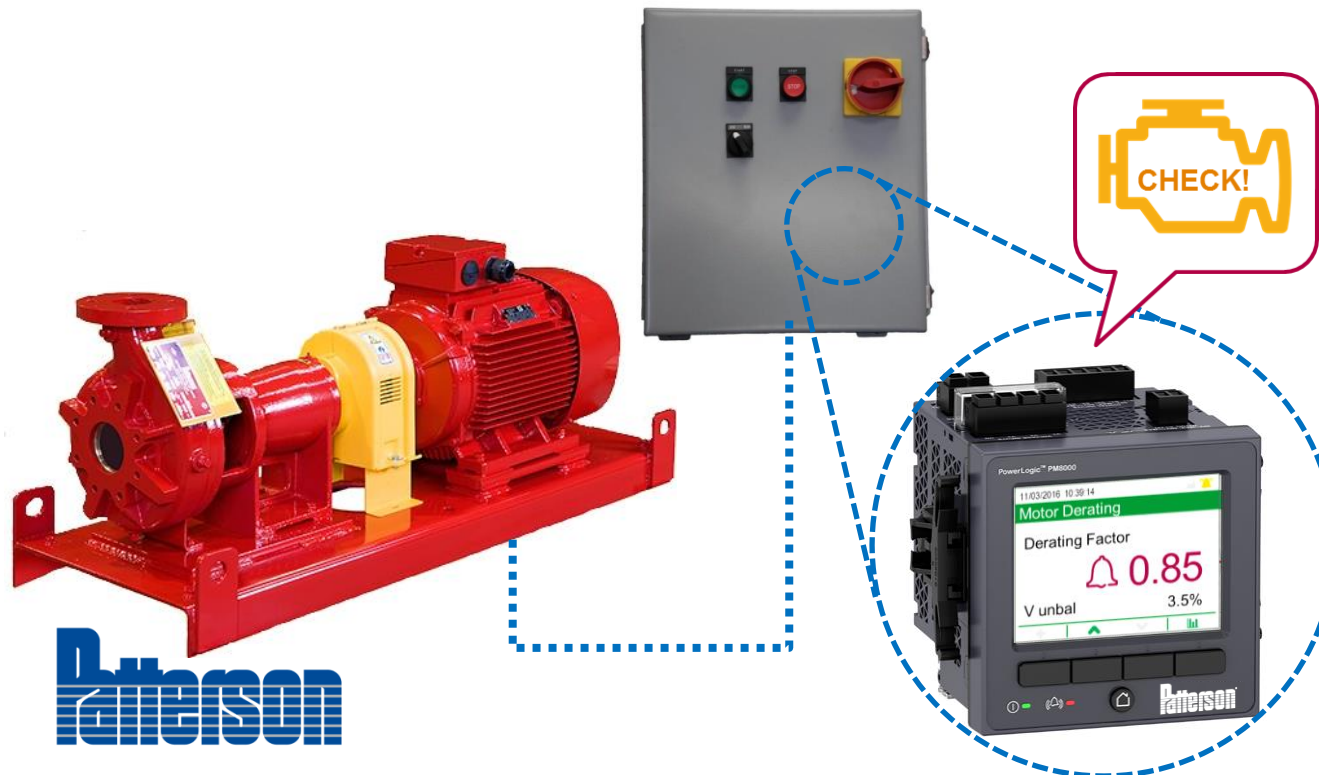

Common causes of motor failure*:
- ❑ Over-current
- ❑ Voltage Sags/Swells
- ❑ Transient Voltage
- ❑ Voltage Imbalance
- ❑ Harmonic Distortion
- ❑ Over-heating

*Note: follow this link for reference documentation

Maximize equipment uptime

> Meters can help to detect pump motor issues before they occur in order to maximize uptime

CHECK!

Detect, log and alert on:
- ☑ Over-current
- ☑ Voltage Sags/Swells
- ☑ Transient Voltage
- ☑ Voltage Imbalance
- ☑ Harmonic Distortion
- ☑ Over-heating

PowerLogic™ PM8000
11/03/2016 10:39:14

Motor Derating

Derating Factor
🔔 0.85

V unbal   3.5%

Patterson

Increase Energy Efficiency

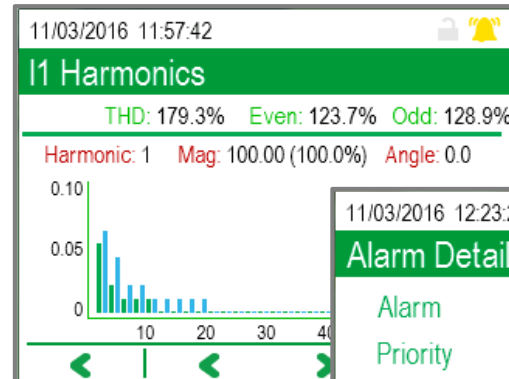> Meters can also assess pump motor energy efficiency*

Monitor and alert on:
☑ Power Factor
☑ Voltage Variations
☑ Voltage Imbalance
☑ Motor Load (based on current)
☑ Harmonic Distortion
☑ Frequency Deviation

*Note: follow this link for reference documentation

Front display accessibility

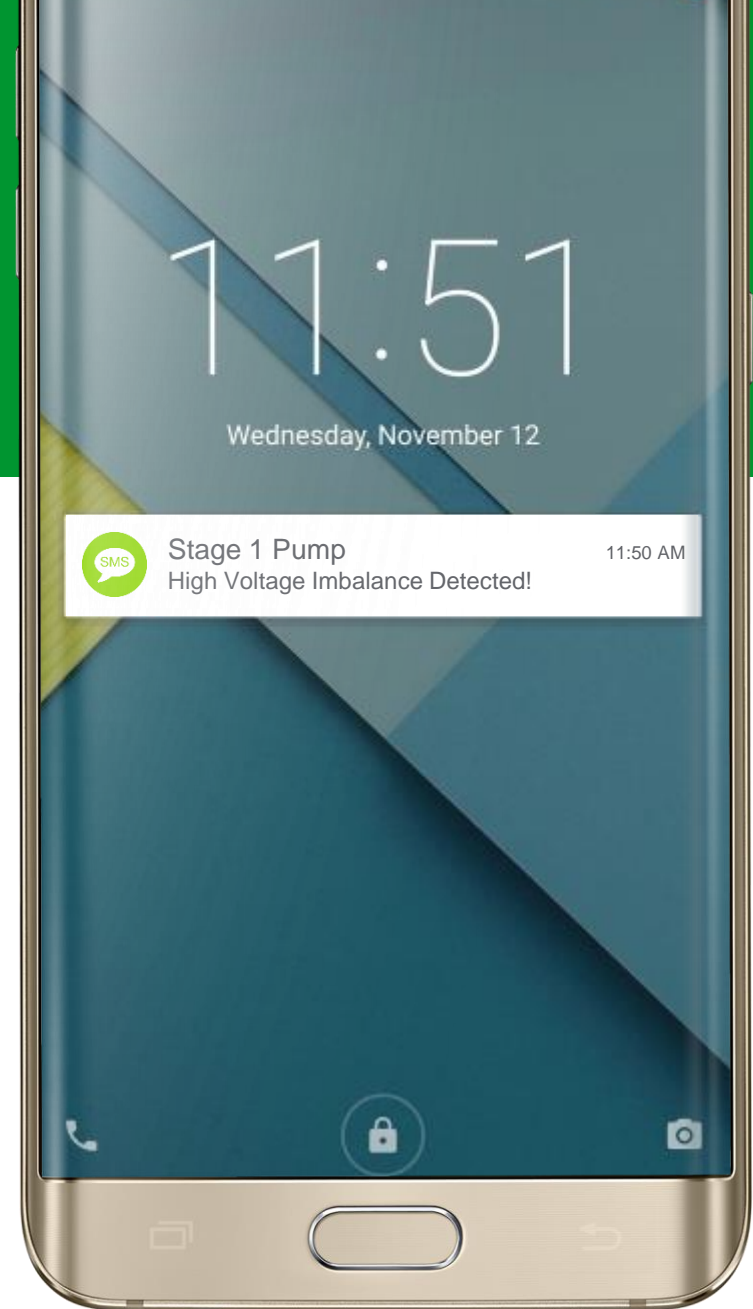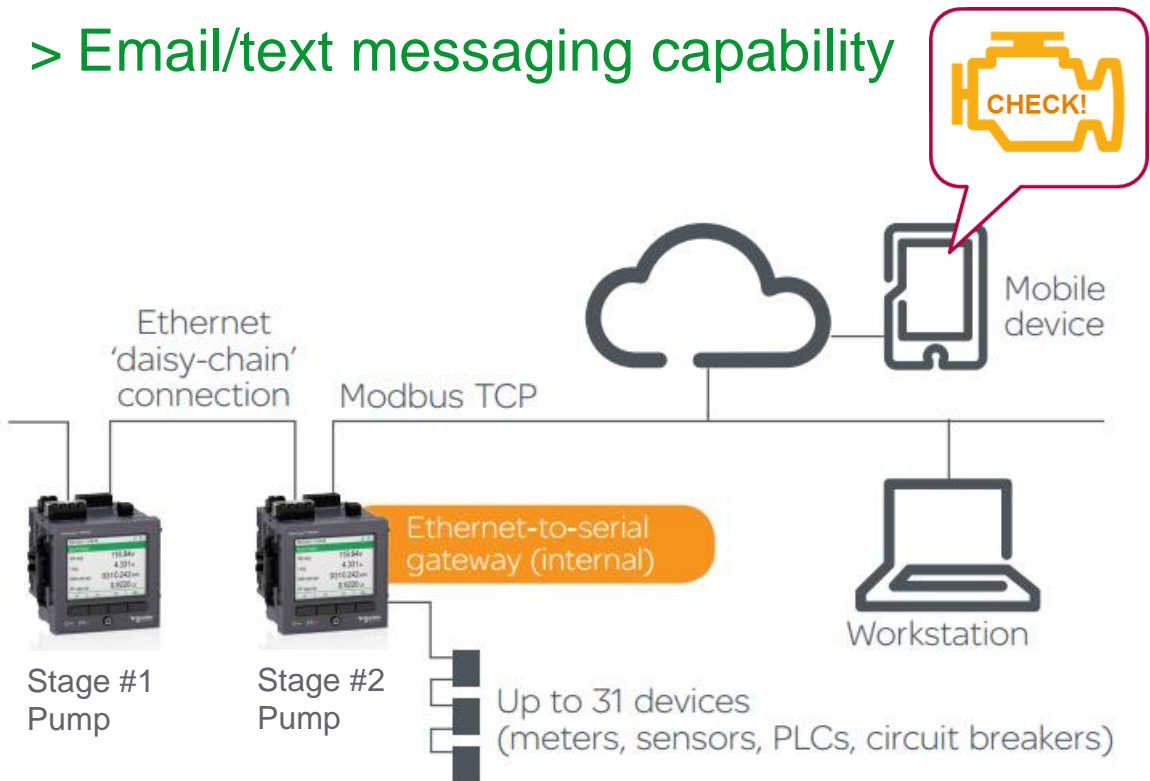> Default screens available with possibility to customize
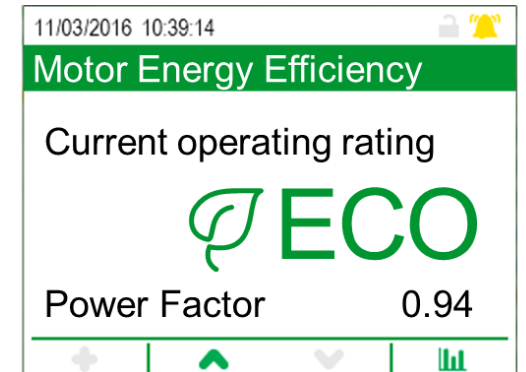
Connectivity

> Customizable on-board meter webserver for remote access on any device type
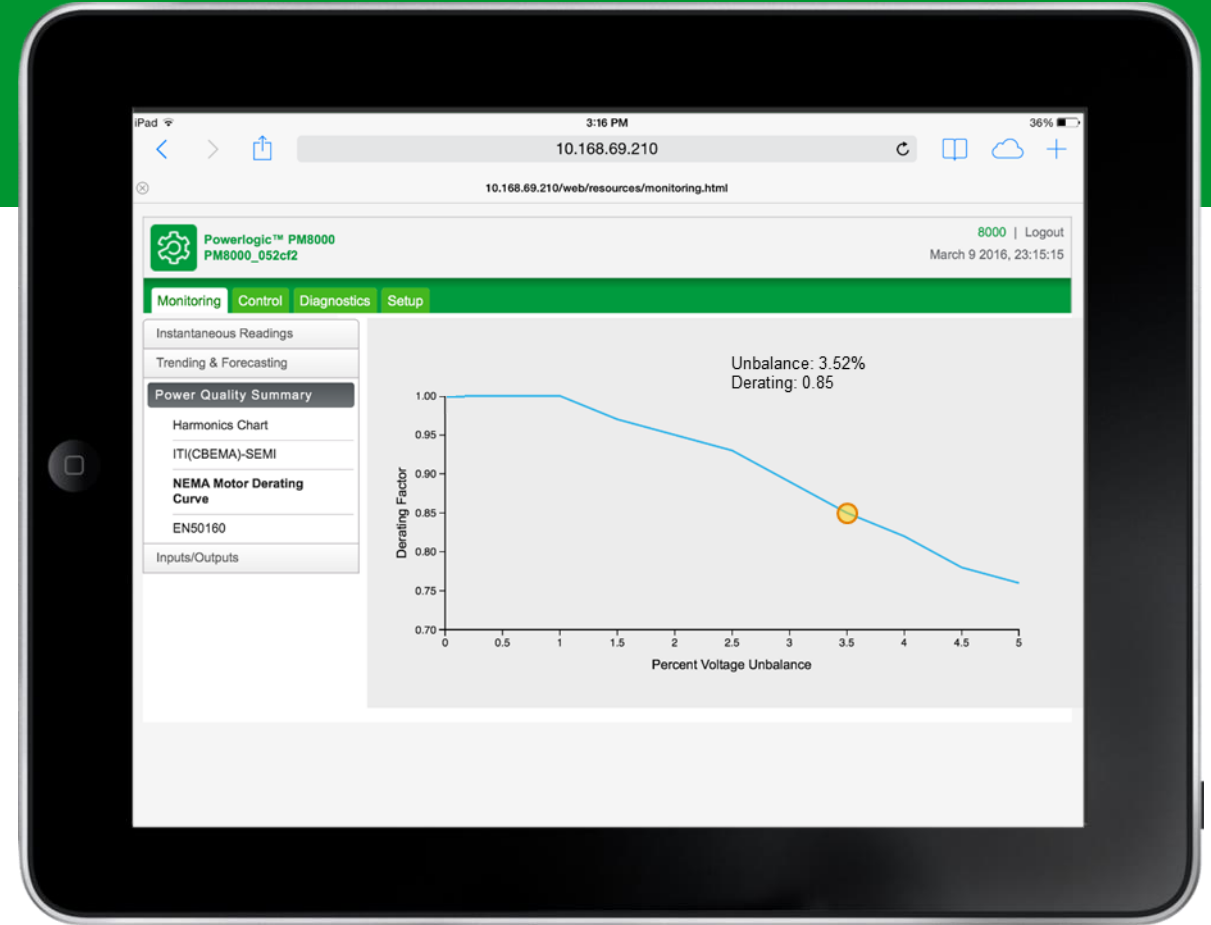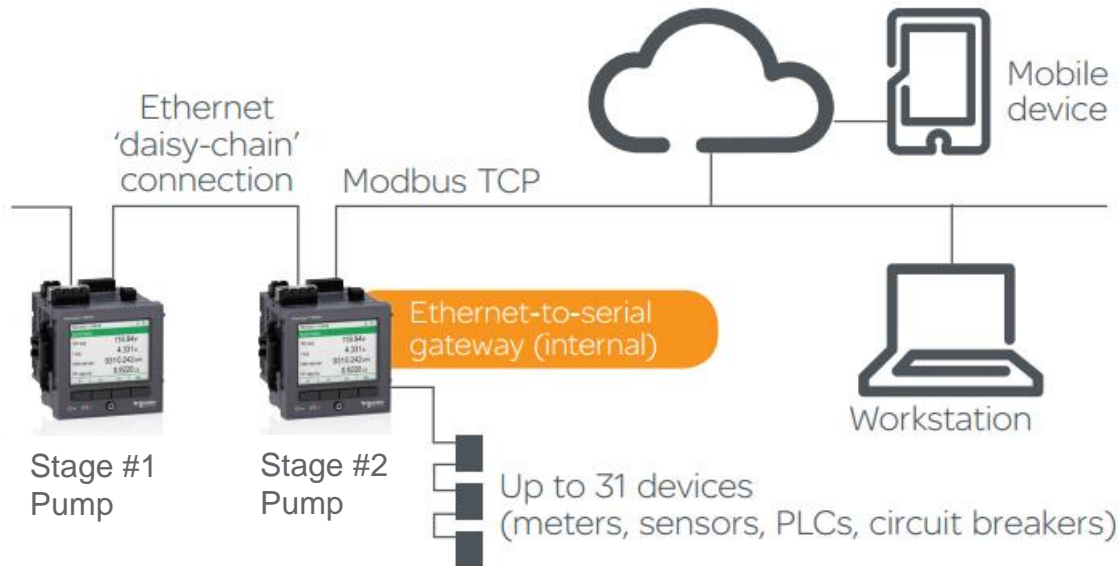
Remote notification

> Email/text messaging capability

OEM Capabilities and benefits

> Customization to suit:
>> Hardware & firmware
>> Documentation & packaging
>> Branding

> Preferential pricing and support