



# Power/mation®

Industrial  
Internet  
Solutions

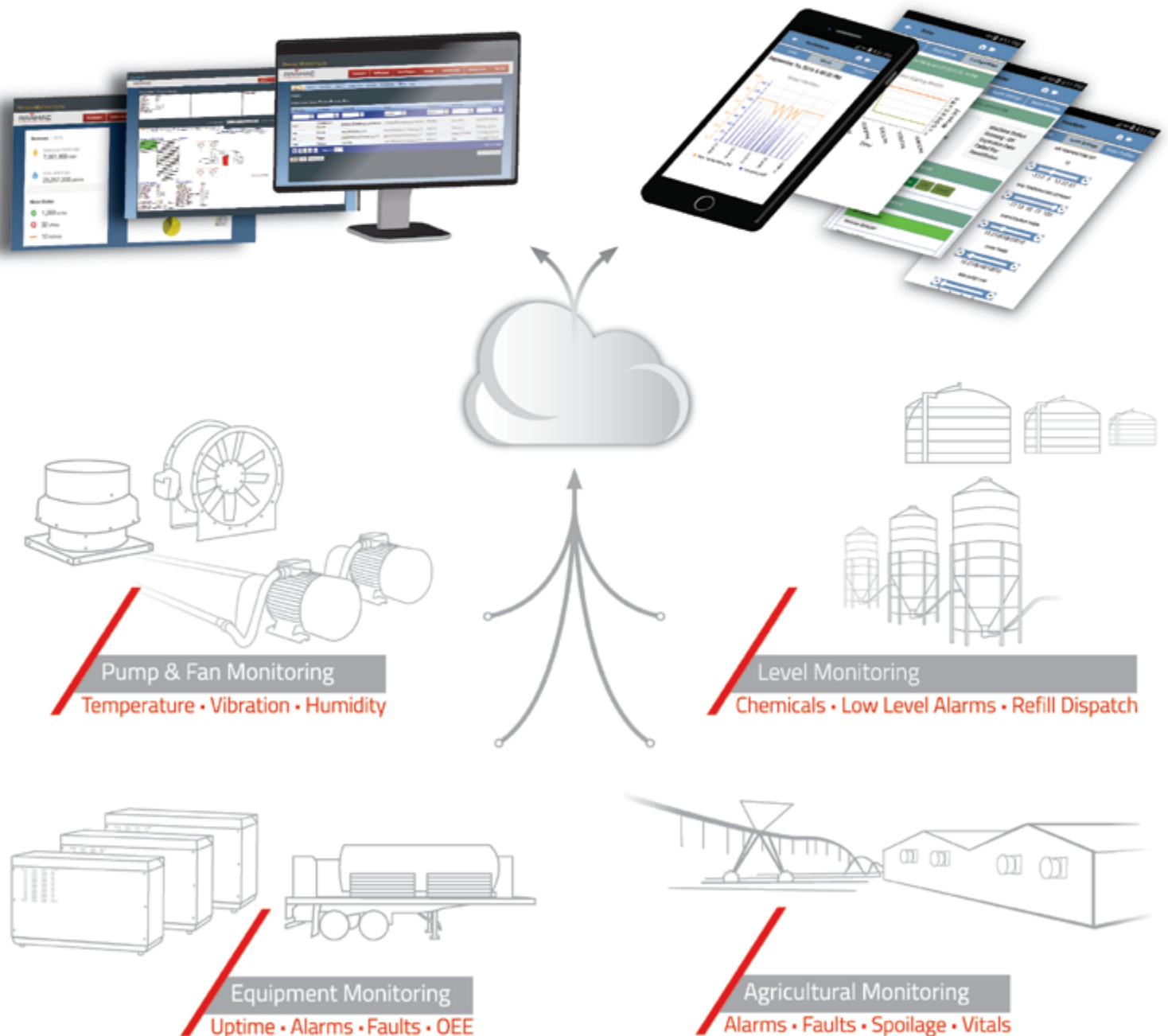


## Smart Monitoring & Analytics with the IIoT

Imagine an industrial network that maintains a continuous awareness of its processes, machines and environment. With Power/mation's monitoring solutions, you can now tap into that network at will.

Smart sensors collect actionable data and store it in the cloud. Detailed dashboards produce meaningful analysis. The result is maximum operational efficiency and minimized unplanned downtime through the anticipation of machine failures and reduction of service costs.

This is the power of the Industrial Internet of Things.



# Smart Monitoring Components

## EdgeScout

EdgeScout Remote Monitoring is a turnkey remote monitoring solution hosted by RRAMAC.

- **Cloud hosted** solution allows secure access to remote systems through web browsers, mobile apps, email, text and push notifications.
- **Customized** web interfaces, reporting and mobile apps.
- **Smart applications** for predictive maintenance, environmental monitoring and equipment health.
- **Securely connected** end-to-end solution, uniting sensors and the cloud.



## DXM100 Industrial Wireless Controller

### Connectivity

- Sure Cross® Wireless radio
  - 900 MHz & 2.4 GHz
- Cellular modem
- Ethernet
- Fieldbus
  - RS485 Master & Slave
  - CAN

### Data Logging

- Data/Event logging with email and text push
- Notifications, alerts, alarms
- IT system interface – HTTP API

### Automation Protocols

- Modbus RTU
- Modbus TCP
- Ethernet/IP

### Logic Controller

- Action rules
  - Supports simple logic, arithmetic, and thresholding
  - Low complexity solutions
- Text language
  - ScriptBasic
  - Medium complexity solutions
- Scheduler
  - Time/calendar-based events
  - Astronomical clock

### User Interface

- User programmable LCD
  - Bind Sure Cross® Radios
  - Site survey
  - View sensor information
  - System status
- User defined LED indicators

### I/O

- Universal inputs
- Discrete outputs
- Courtesy power
- Switch power
- Battery backup
- Solar controller



## Compatible Wireless Accessories

