Industrial Internet of Things using Modern Protocols for Health Monitoring

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A continued commitment to excellence...









Where do our components go?

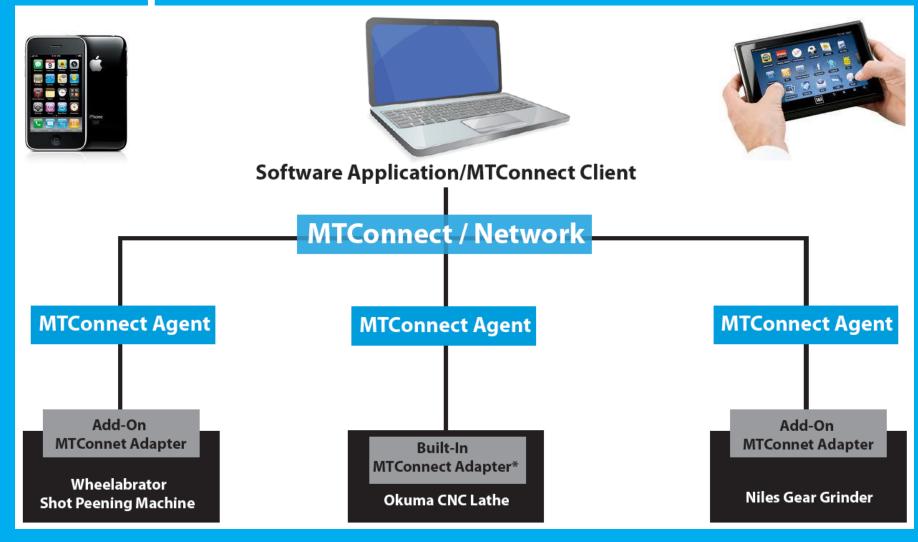
- Tractors
- Haul trucks
- Mining shovels
- Wind turbines
- Land-based satellites
- Off-shore rigs







Implementation

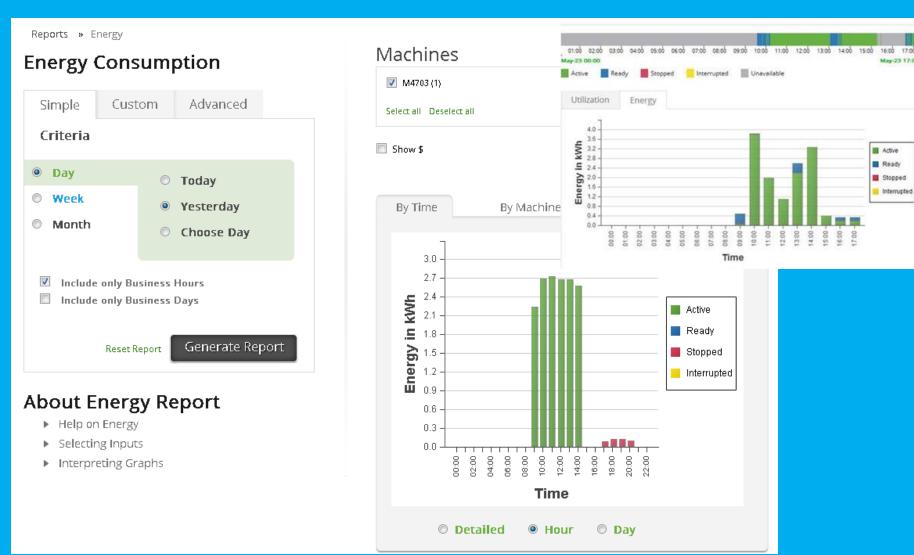


Hardware Adapters for Legacy Machines

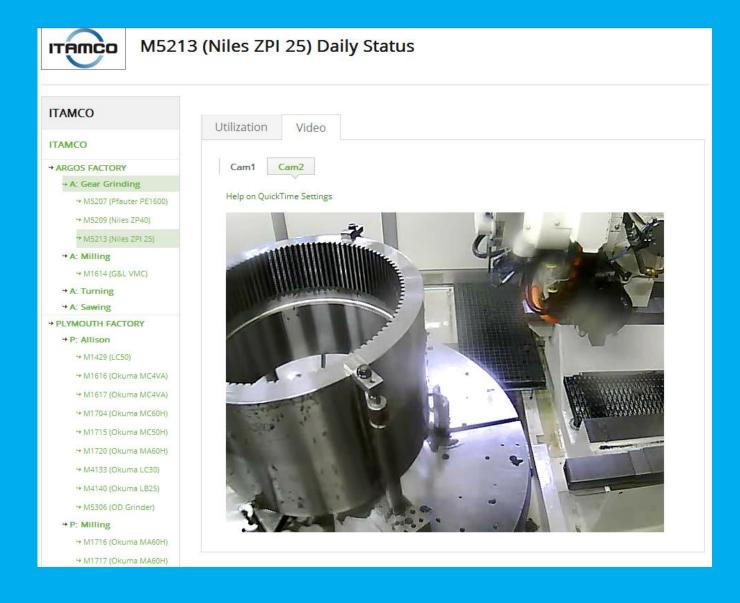




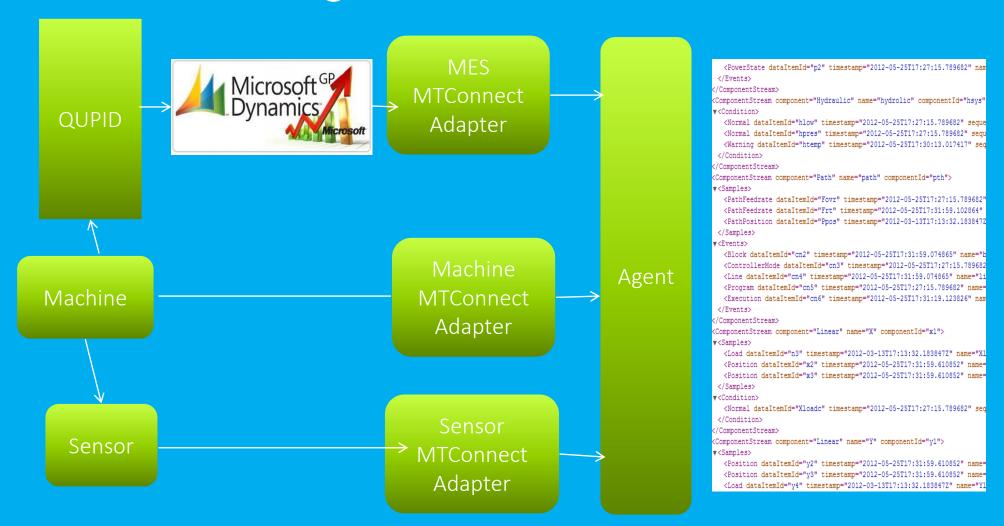
Energy Monitoring



Video Monitoring

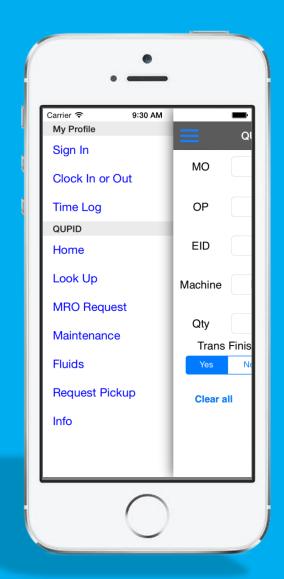


MES Integration Architecture



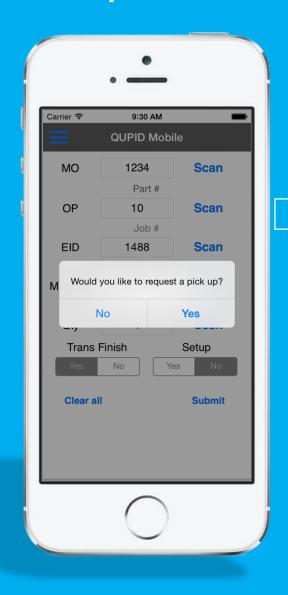
QUPID Mobile App (MES)







Request a Pickup





Information Model -- Flow

Use cases:

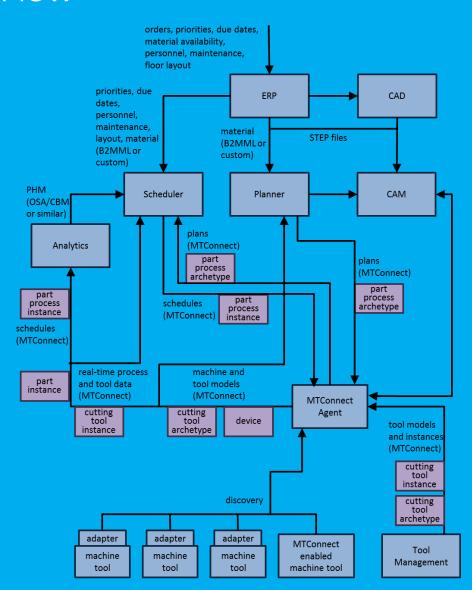
Dynamic planning & scheduling

Replanning / rescheduling

Machine health and preventative maintenance

Adding new equipment and discovery

MTConnect Agent is the core of the data exchange







U# LABS





Thank you!

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