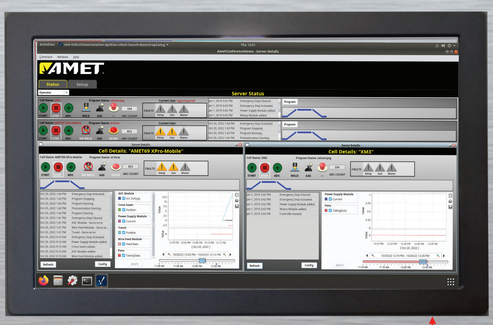
Advanced Manufacturing Engineering Technologies

AMET® FIS

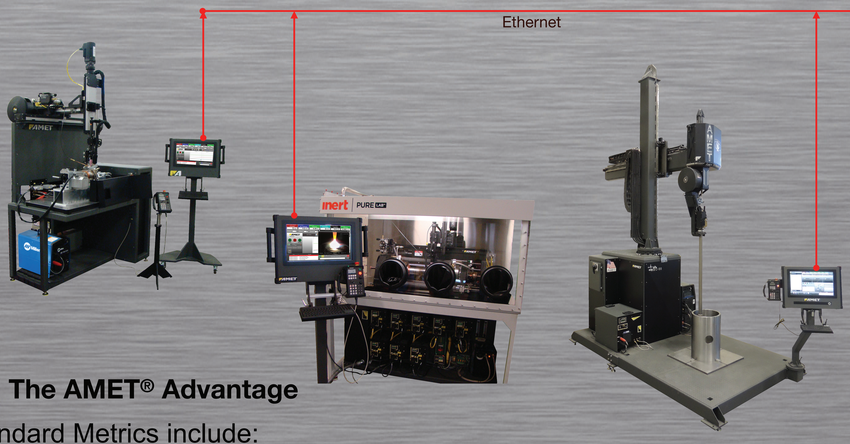
Factory Information System

Weld Cell Information Management

AMET®'s FIS System leverages the XPro and XM® weld controllers' data collection capabilities to offer real-time status reporting along with welding data and overall system metrics. Monitor multiple AMET® weld cells simultaneously. Integrate AMET® weld cells into your existing Factory Information System



- Live Weld Data available via OPC-UA protocols (Object Linking and Embedding for Process Control - Unified Architecture)
- Historical weld data charts available
- Integrate with your own OPC-UA compatible Supervisory Control and Data Acquisition (SCADA) system, or use the AMET® Industry Standard SCADA solution

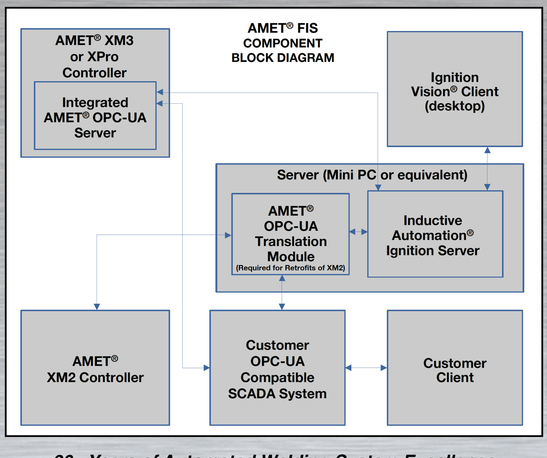


The AMET® Advantage

- Standard Metrics include:
  - Arc Count
  - Arc Time
  - System Uptime
  - Completed Program
- Default Reports available:
  - Faults
  - Program termination cause
  - System status messages
- Reporting Frequency:
  - 10Hz while Arc on
  - 1Hz while Arc off
- Live weld progress display by weld program segment
- Charting of recorded weld parameters
- Weld Program display and printing

Integration Support

- On-site setup/installation
- Ongoing phone/email support
- Configurable Tag List
- Ignition SCADA templates
- Ignition SCADA by Inductive Automation® combines an unlimited licensing model, with instant web-based deployment, and the industry-leading toolset for supervisory control and data acquisition (SCADA) — all on one open and scalable universal platform
- Retrofits available for XM® Systems



30+ Years of Automated Welding System Excellence