

ITW Smart Connect

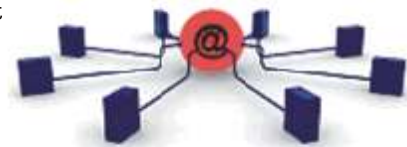
For online, remote monitoring of equipment



Advantages

ITW Smart Connect is designed for programmable logic controller (PLC) based equipment. It captures, analyzes and reports on all performance parameters controlled by the PLC. The system is hosted on a remote server, is secure and access for specified users is through the internet via a web browser.

- Real time access to performance data of equipment
- Real time monitoring of key process parameters, identifying bottlenecks
- Remote access allows ITW to monitor and maintain equipment
- Increased service levels
- Cost effective
- Option of remote upload and download of PLC program

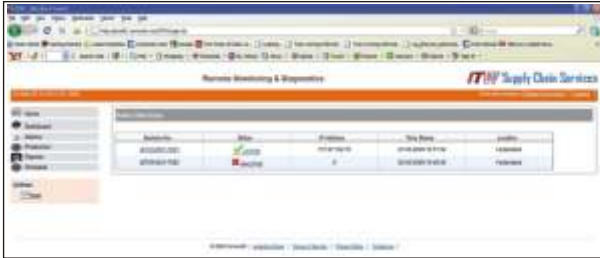


ITW Smart Connect

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Concept

ITW Smart Connect tracks equipment performance and enables remote troubleshooting. Such equipments are a part of the typical packaging lines that ITW installs and commissions at client sites. The overall performance measurement is based on certain critical operating parameters. Information regarding equipment performance is captured by the PLC which sends the information to ITW Smart Connect via an interface. This system then indicates the performance numerically or graphically. Reporting is also a part of this system which is based on criteria set by the user or pre determined.

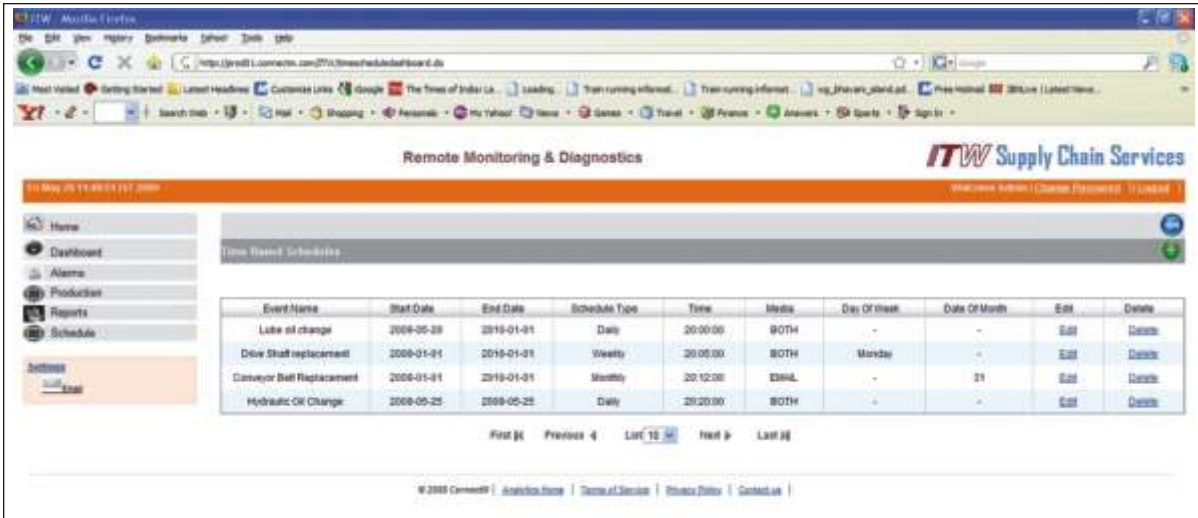


Reports

ITW Smart Connect's reporting feature presents the Key Performance Indicators in report formats on daily/weekly/monthly basis - based on criteria that can be pre-decided or set by the end user.

Key Performance Indicators Monitoring

- Machine cycle time
- Machine availability
- Downtime
- Utilization
- Overall Equipment
- Throughput
- Rejection
- Maintenance performance
- Product performance
- Meantime between failures (MTBF)
- Maintenance performance Effectiveness (OEE)
- Bottleneck identification
- Production and shift performance
- Waste



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The Company has a policy of continuous product development and reserves the right to alter specifications at any time without prior notice.

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