NEORIS at a Global Level

- Delivery Center

**DIGITAL MANUFACTURING**
- 70+ Projects implemented globally

**MARKET RECOGNITION**
- 8 Manufacturing innovation awards

**MANUFACTURING EXPERTISE**
- 15+ Years of experience

**MANUFACTURING ASSETS**
- 18 Reusable templates

- +3500 employees
NEORIS in Argentina

**TALENT & CREATIVITY**

- **+800** Employees
- **6** Offices

**QUALITY**

- **20%** Growth in 2017
- **100%** Export growth in 2017
What’s Digital Manufacturing?

1st Industrial Revolution
Adoption of Mechanical Production facilities by using water and steam power

End of the 18th Century

2nd Industrial Revolution
Adoption of work-sharing mass production by using electrical power

Beginning of the 20th Century

3rd Industrial Revolution
Use of electronics and IT to automate the production

Early 70’s

4th Industrial Revolution
Based on cyber-physical systems

Today

Industry 4.0 Key Enablers

- **Design Thinking**
  Innovative, engaging methodology used to uncover the opportunities for your digital transformation

- **IoT**
  Connecting things with people and business

- **Machine Learning**
  Intelligence enabled by learning from data

- **Big Data**
  Manage vast amounts of big data

- **Data Intelligence**
  Data put into business context

- **Analytics**
  Insights that enable transformative actions

- **Blockchain**
  Blockchain services embedded into business applications

- **Cloud Platform**
  Foundation for SAP Leonardo
Our Manufacturing Assets Developed from NEORIS Argentina

Performance Management
- Multi-Level Operational Performance Dashboards
- OEE - Overall Equipment Efficiency Calculation
- Real-Time Asset Monitoring and Event Based Alerts
- SPC/SQC Analysis and Control
- Multi-Plant Reporting
- Integrated Operation Center
- Energy Management
- Mobile Solutions
- Wearable Solutions / Augmented Reality

Manufacturing Synchronization
- Production Execution for Discrete / Repetitive / Process
- Inventory Cycle Count
- Plant Maintenance Management
- Quality Management
- Labeling Management
- Automated Documents Display
- Labor Hours Tracking
- Manual Production Data Recording
- Active Ingredients Management

SAP LEONARDO
- Data Integration
- Work Process Management
- User-Interface Simplification
- Dashboards and Scorecards
- Data Buffer
- Mobility

Business Value (NEORIS' Solution)

Technical Value (SAP Solution)
Plant Maintenance Management

• Improve overall availability and performance by standardizing and simplifying the plant maintenance processes.

• Improve labor efficiency by streamlining plant maintenance processes in the shop floor.

• Reduce plant maintenance activities time by creating simplified user-friendly screens.

• Keep track of maintenance tasks by employee.

• Accelerate the learning curve for personnel with a single simple to use application in the shop floor.

• Simplify the IT architecture by having a single SAP supported product to do quality data input, integration, and intelligence / analytics.
Integrated Operation Center

- NEORIS Video Wall provides an integrated view of information from various processes enhancing collaboration, visibility, and decision making
- Video Wall screen 43 feet wide by 6 feet high
State of the Art Manufacturing

- Discrete Production Line with Robot Arms showing M2M communication, machine learning, remote operations, image recognition, predictive analytics, IoT and data acquisition simplification
Augmented Reality, Virtual Reality and Digital Twin

- Increase in customer satisfaction
- Reduction in manufacturing cycle times
- Reduction in defects, re-work
- Reduction in information delivery cost to employees
- Increase in productivity with hands free operations
- Eliminate manual errors
- Improve user experience and presentation of relevant information in real time
- Increase worker safety
- Enable remote training on manufacturing processes
- Improve utilization and performance
Our Value Proposition

- Eliminate Unplanned Downtime
- Increase Productivity
- Minimize Costs

- Enhance Customer Experience
- Reduce Scrap
- Boost Quality

- Decrease Cycle Times
- Optimize Performance
- Improve Workplace Safety & Security

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