

# MACHINE LEVEL NETWORK DESIGN

Address risks without sacrificing productivity.

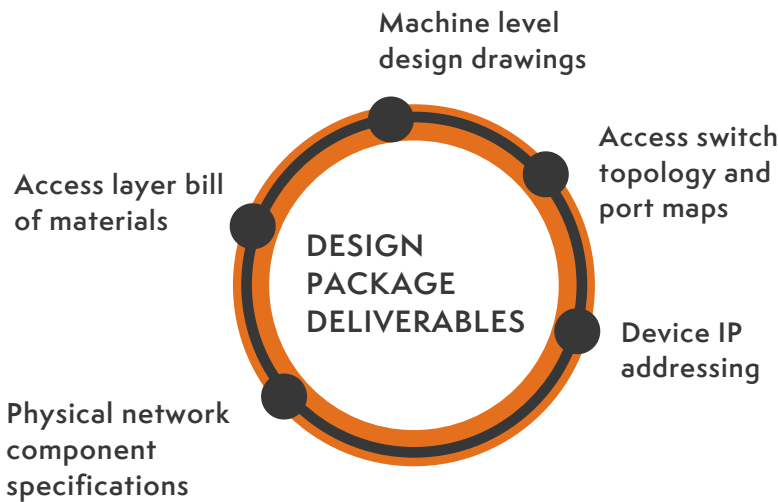
With Machine Level Network Design (MLND), we help your machines make the right connections.

## ASK YOURSELF:

- Do you have line expansion requirements?
- Do you need to capture data from new or existing machines?
- Are you performing any device level analytics?
- Do you have standards for cell/zone topologies?
- Do you require standard network documentation?
- Is your access layer switch hardware on a common platform?



IMPROVE OVERALL  
EQUIPMENT  
EFFECTIVENESS (OEE)  
**by more than 20%**  
BY CONNECTING  
MACHINES FOR  
INTELLIGENT  
DECISION MAKING IN  
THE DIGITAL  
TRANSFORMATION



For more information, please visit  
[smcelectric.com](http://smcelectric.com)



# BENEFITS

**Increase** machine visibility

**Improve** application response time

**Support** growth and expansion planning

**Reduce** operational costs



## WHAT TO EXPECT:

### 1. Collaboration meeting

- a. The process begins with a collaborating meeting to discuss business objectives and network design expectations, and to identify functional network requirements.

### 2. On-site data collection

- a. An SMC specialist will conduct a current network analysis to evaluate the network architecture, installation environment, and current performance. This step also includes the identification and documentation of:
  - Uptime requirements
  - Manufacturing process flows
  - Inoperability requirements
  - Functional zones
  - Planned expectations

### 3. Off-site data processing

- a. The data collected will be analyzed by an SMC specialist to develop a network design package including physical and logical drawings with detailed component specifications.

### 4. Design package review

- a. The SMC specialist will review the machine level design drawings with you to ensure all network requirements were met to your satisfaction.



*For more information, please visit*  
[smcelectric.com](http://smcelectric.com)

