



“Future Made Simple”

Tornada Incorporated

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Client's Industry: Smart Meters Manufacturer

Market Share of Companies

Industry Leaders: General Electric, Itron

Industry Statistics & Market Size

Revenue

\$2bn

Annual Growth 11-16

7.6%

Employment | Businesses

3,538 | 56

Challenges:

- Complexed & multilevel BOMs
- Unpredictable demand
- High components cost

Solution:

- We analyzed the structures of data and its Bill of Materials and generated supply demand models to mitigate shortages
- We analyzed procurement costs to implement strategies that meet business operational targets and deliveries
- We optimized key variables and metrics that induce manufacturing resource planning in ERP system to optimize supply demand levels

Result:

- Significantly reduced inventory holding by 20% by applying contractual strategies and by using visibility created by supply demand model
- Reduced components cost by major categories by at least 25% by major components
- Consolidations and flattening of BOMs increase production visibility and inventory reduction by at least 30%