



“Future Made Simple”

**Tornada Incorporated**  
250 Yonge Street, Suite 2201  
Toronto, Ontario, M5B 2L7

**Main:** 647-715-5257

**Sales:** 1-855-TORNADA

**Email:** info@tornada.ca

## Client’s Industry: Smart Meters Manufacturer

### Market Share of Companies

Industry Leaders: General Electric, Itron

### Industry Statistics & Market Size

Revenue	Annual Growth 11-16	Employment   Businesses
<b>\$2bn</b>	<b>7.6%</b>	<b>3,538   56</b>

### 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%