

# eCAT

**OPTIMIZE INVENTORY  
SAVE TIME AND REDUCE COST...**



## **eCAT** OPTIMIZE INVENTORY, SAVE TIME AND REDUCE COST...

Inventory represents a large portion of capital expenditure for companies in Manufacturing, Oil & Gas, Energy sectors. While the opportunity for cutting costs and improving overall operational effectiveness is huge, companies often find it difficult to execute such effort. The challenge is how to standardize materials data, cataloguing, reduce wasted time for parts searching and reduce inventory holdings.

### Most organizations are experiencing the same issues:

- Items duplication resulting in high inventory cost
- Excessive stock
- Waste of searching time for parts and difficult to find
- Dependent on manufacturer monopoly due to lack of generic industrial standards, and often use manufacturers' parts numbers
- High procurement cost due to limited supplier options and price comparison
- Incorrect part identification resulting in procurement delays and impact to operations and maintenance
- Difficult to share information among Procurement, Logistics, Warehouse, Operations, Maintenance

*Companies in Oil & Gas, Energy sectors in Vietnam generally have \$10,000,000-\$100,000,000 worth of material in their inventory. A large portion of the inventory is often slow moving items.*

### If your target is:



Less inventory



Standardize data &  
Catalogue items



Optimize  
procurement



Enhance data foundation  
for EAM/ERP

**eCAT** will help you to achieve those and more!

**eCAT** helps asset intensive organizations establish a standardized foundation of inventory data, material supply chain best practices, business processes to improve procurement, maintenance, operational performance and profitability.

**eCAT** enables:

- Structured, accurate and complete materials data consistently throughout the organization
- Control of data governance
- Analysis for performance improvements in supplier management, inventory optimization, operational risk, product quality and asset availability

## Different departments all have benefits from eCAT

### Executive



- ✓ Better performance
- ✓ Operational efficiency is improved
- ✓ Reduced working capital
- ✓ Minimized risk

### Inventory



- ✓ Standardization of inventory description
- ✓ Standardization of item code creation process
- ✓ Consolidation of Inventory
- ✓ Avoid stock duplicates and stock outages
- ✓ Reduction in inventory holdings

### Procurement



- ✓ Corporate contracts
- ✓ Avoid purchasing the wrong parts
- ✓ Leverage of price volume discounts
- ✓ More supplier options
- ✓ International standard

### Maintenance



- ✓ Optimize equipment availability
- ✓ Minimize unplanned downtime
- ✓ Well structured, searchable description of parts for fast and precise search

## Key features of eCAT:

- **eCAT** is inventory cataloguing solution, embedded **inside Maximo**
- Fully compatible and integrated with Maximo functionalities: Item Master, Companies, Inventory, Classifications, Assets/Spare-part
- **eCAT** also can be deployed as stand-alone version or integrated with other EAM/ERP systems

### Support International Standards:

- NATO Codification System (NCS)
- United Nations Standard Products and Services Code (UNSPSC)
- Petroleum Industry Data Exchange (PIDX)
- Material and Equipment Standards and Code (MESC)

### NATO Master Catalogue Database:

- Unique parts: **34 million**
- Manufacturer references: **36 million**
- Registered manufacturer: **2.7 million**
- Classifications & Templates: **100.000+**
- Frequently updated via web-service

## eCAT Inventory Optimization

### Inventory Cataloguing:

- Easy to **CATALOG** spare-parts by enforcing one **STANDARD** across the system which enables **CONSOLIDATION** to remove duplicates across store rooms, plants, and software systems.
- **MANAGE** cataloguing projects with big team of catalogers, reviewers, approvers with a standardized workflow
- Frequent **UPDATE** from global NCS database

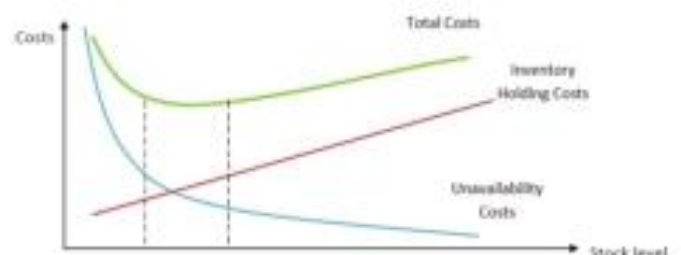
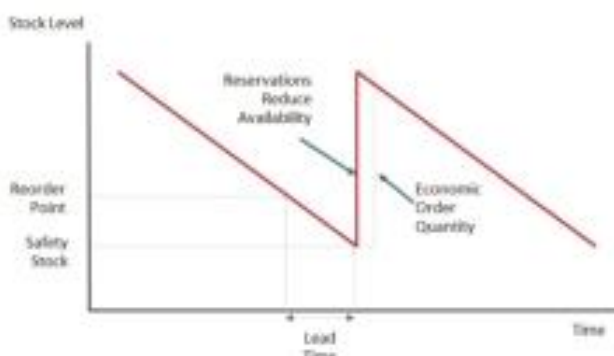
**Optimize more than 20% stock items by identifying duplicates & obsolete items after eCAT deployment!**

*This example shows item description before and after cataloguing, standardization & enrichment*



### Stock Level Optimization:

- Utilities to consolidate **ACCURATE** material **CONSUMPTION** reporting
- Facilitate determination of **OPTIMAL** inventory Min/Max levels and Reorder points





*12+ years experience in implementation of IT solutions in Vietnam & overseas*

*100+ projects of Oil & Gas, Power, Airport, Seaport, Manufacturing*

*40+ engineers with deep experience and certified*

*Only partner in Vietnam to achieve Gold Level of IBM Tivoli Deployment Accreditation (AAA)*



**Contact Information:**

*Avenue is experienced in consulting Inventory Standardization solution that can evolve with your business. To learn more about how **eCAT** can help you deliver the control you need to optimize your inventory and address your toughest inventory challenges, contact Avenue representative, or visit [www.avenue-net.com](http://www.avenue-net.com)*