



Data Patterns Pvt. Ltd.  
Tamil Nadu, India  
www.datapatternsindia.com

**Industry:**  
High Technology  
Defense and AeroSpace electronics

**Employees:**  
1,000

**Revenue:**  
Privately held

**CHAIN•SYS Products & Service**  
e•chain ERP Implementation

*“e-chain provides the backbone for effective monitoring and control of our complex project implementations.”*

Head, Process Engineering Group

*“Data Patterns focuses on building reliable and open building block architecture of various internationally accepted standards such as cPCI, VME, PCI and other mezzanine standards such as IP, M Module, and PMC. These building blocks are further utilized in order to provide functional solutions in the areas of automatic testing and data acquisition.”*

Data Patterns, a high-tech manufacturing organization brings technology to their back office with e•chain

As a subsidiary of Indus Teqsite, Data Patterns is on the forefront of technology and industry expertise available in the Indian market. They perform their manufacturing on-site at their parent company and also provide the full marketing service for Indus Teqsite.

#### Modules Implemented

We implemented the following e•chain modules to align Data Patterns company operations:

- Inventory
- Procurement
- Point of Sale
- General Ledger
- Creditors Ledger
- Cash Management
- Fixed Assets
- Taxes
- Bills of Material
- Cost Management
- Shop Floor Management
- Supply Chain Planning
- Quality
- Business Intelligence

#### Solution

- Successful implementation of CHAIN•SYS e•chain ERP modules.
- Quickly and easily handles BOM amendments and BOM revisions.
- Dynamically generates BOMs through e•chain’s BOM Configurator tool.
- Can electronically control the BOM approval process through setup of authorized users.
- e•chain provides Data Patterns with an Engineering Change Notice function to update the R&D-Revised Item correction on BOMs and Shop Floor Orders
- e•chain provides Equivalent Item and Alternative Item information for flexibility in the Production and Purchase order creation environments.
- e•chain routes Material Requests for internal material transfers to be approved through authorized user approvals.
- e•chain tracks Revenue, Cost, and Profit at various levels of granularity.