Deltek Costpoint Manufacturing Solutions

Leverage the industry’s proven solution made for government contractors to help modernize operations and lower costs.
Meeting Your Needs Today, and for the Future

Costpoint Offers Your Business a New, More Secure Tomorrow

Built on 30+ years of technology advancements, user acceptance, and industry knowledge, Deltek’s modern and intuitive ERP solution delivers the business agility, transparency and control you need to run your manufacturing organization.

Accelerate your digital transformation, improve business value and ensure exceptional project delivery with Deltek Costpoint, best in class ERP powered by Amazon Web Services™.

WITH COSTPOINT AS YOUR DIGITAL ERP, YOU WILL HAVE A SOLUTION THAT IS:

- Easy to use and widely adopted
- Delivered by a trusted partner
- Available on premises or powered in the cloud by Amazon Web Services™
- Deep in functionality to meet business requirements with little or no customization
- Proven in scalability and performance
- An integrated platform linking people, manufacturing processes and information
- Able to manage simple and sophisticated projects while helping you with compliance
- Secure with 24/7 monitoring and support
Spanning the Entire Project Lifecycle

A scalable, flexible and secure platform that’s available in the Cloud

**Business Intelligence:** All data in one system for consistency in a variety of levels and views

**Contract Management:** Track opportunity costs and automate the project initiation process

**Human Capital Management:** Acquire, develop, retain and optimize your key human capital

**Project Management:** Monitor, analyze and plan for all aspects of service or product delivery

**Manufacturing:** Automate to eliminate many non-value add tasks

**Project Accounting:** Integrated project accounting, financial reporting and compliance

**Platform:** An extensible and secure platform for the modern world
Realize Efficiencies Throughout the Manufacturing Process

Cloud and on-premises versions both include standard and average actual costing methods.

**Procurement**: All procurement data in one system that is integrated with Costpoint financials

**Inventory Management**: Increased accuracy with real-time transactional data and traceability

**Material Planning and Scheduling**: Optimize and monitor labor and resources for lower costs

**Manufacturing Execution**: Integrated execution and quality system

**Quality Management**: Quality tasks, measurements and enforcements are built in, not inspected in
Digital Thread Manufacturing

Manufacturing a complex product, like an aircraft or satellite, requires a continuous stream of engineering changes directed at work in process. Without being able to trace these revisions and their effects on project costs, Aerospace and Defense contractors can’t control quality and deliver on time.

Production managers require real-time visibility of the day-to-day operations on their production floors. You can’t prevent problems or delays, nor can you quickly solve them by maintaining spreadsheets and reporting operational details after the fact.

Similarly, it’s difficult to actively monitor labor costs and create time utilization reports working from shop floor employees’ manual transactions. Automating labor time capture to flow directly into the financials means no more waiting for data and fewer corrections.

You need real-time data with robust reporting options that allow you to pull reports in a variety of views at different levels.

Modern aerospace and defense manufacturing requires less paper, complete traceability and tight integration with an ERP designed for engineer-to-order projects. Costpoint Manufacturing provides the information manufacturing teams need when executing the most complex manufacturing projects.

- MES
- Inventory
- Costs and profitability
- MRP
- Procurement
- Shop Floor Time
Mission Assurance for Your Manufacturing Lifecycle

**DESIGN**
Develop engineering plans, EBOMs, and PBOMs

**SOURCE**
Source materials and track solicitation requests

**INSPECTION**
Ensure supplier quality on incoming materials

**STORE & TRACK**
Place material and finished goods into inventory for use in the build process

**MRP**
Generate manufacturing orders and build instructions from demand

**EXECUTION**
Track materials and labor back to manufacturing orders through visual manufacturing and automated collection

**QUALITY**
Ensure finished goods meet specifications and expectations prior to delivery
Procurement as a Competitive Advantage

Modernizing manufacturing involves reducing paperwork via automation and integrating financial and shop floor data into one system for visibility and control. Procurement professionals require full integration and visibility from request for quote to vendor payment, for all purchases, including services, subcontracts, government furnished property, and goods & parts for resell or manufacturing.

Costpoint Manufacturing provides comprehensive procurement capabilities to curtail risk. Efficiency, accuracy, and real-time costs are the direct result of being linked to Costpoint financials. Get “req to check” visibility in one inquiry as everything is in one system.

In one system, teams can access one version of real-time data; POs can be generated from reqs which flow to finance, Project Managers can view all outstanding commitments against their project prior to any costs being incurred, and contract flow down allows teams to see the critical requirements by item or project, by document.

If you are ready to transform the procurement process from an obstacle to an advantage, count on Costpoint Manufacturing which empowers Procurement Managers by:

- Generating Reqs and POs that automatically tie cost to individual manufacturing orders
- Enabling subcontractor management and in-line vendor management
- Keeping all procurement data in one system
- Providing an out-of-the-box approval workflow integrated with email
- Automating data capture, to include barcode scanning capabilities, for a full audit trail and traceability
Actionable Inventory Management

Automation should not come at the expense of flexibility. In addition to traceability and help with compliance requirements being built-in, Inventory Managers are provided with detailed inventory transaction tracking for four different inventory types: asset inventory, project expensed inventory, project work in process inventory and Government Furnished Materials (GFM) or customer furnished inventories.

Costpoint Manufacturing uses Costpoint’s project accounting capabilities to enable in-depth inventory management, as parts are planned, stocked, allocated and issued based on individual project rules with all transactions posted to the ledger, automatically. MMAS, DFAR and other compliance requirements are aided with complete audit trails that are easily generated. Plus, you can see full transaction history by part, warehouse or project.

Get real-time information to Inventory Managers on any device, to better manage costs and priorities.
Better Cost Control with Optimized Material Planning and Scheduling

Wouldn’t it be great if what was planned, was ordered and used as planned?

Change is the reality for engineer-to-order manufacturers however, and Costpoint Manufacturing helps Material Planners react in the best possible way to changes by providing a complete view of all available options and the ability to analyze what could happen, what is happening and the changes that have happened thus far.

For materials management this means easily performing an impact analysis, and checking on substitute, rework and other options.

With everything in one system, the costing rules, compliance requirements (MMAS and others) and materials options are all visible on a project level. Initiated changes are immediately reflected system wide.

**COSTPOINT MANUFACTURING BREAKS DOWN COMPLEXITIES WITH FLEXIBILITY SO YOU CAN:**

- Copy from one BOM to another to speed up the design
- Execute action messages directly to functional screens
- Perform quick one-off build planning with MRP lite
- Plan, using substitute and alternate parts
- Meet your materials requirements efficiently with enabling capabilities such as complete visibility at a summary or indented bills of material level.
Extensible Manufacturing Execution System

Manufacturers today are expected to be more automated than ever before. Beyond robots, this automation extends to the collection and analysis of data to seek out and implement efficiencies on the shop floor, improve quality and win more business.

Costpoint’s MES provides discrete manufacturers with unprecedented automation tied to Costpoint financials for accurate cost reporting, process change management and discrepancy handling in one integrated system.

Plan, order, build, ship and bill all within one system. A paperless system ensures the operators have the right information at the right time. Illustrations, technical data, and quality controls can be incorporated right into the work plan.

Modern manufacturers count on Costpoint Shop Floor Time for automated labor data capture that flows directly into the ledger for accurate and timely cost reporting.

COSTPOINT PROVIDES THE MODERN MANUFACTURER WITH:

- **Paperless and lean manufacturing improvements**
- **Quality Management System for AS9100 and ISO 9001**
- **Digital Thread: change control, data collection and quality control**
- **Built in quality checks, with automatic alerts when tolerances are exceeded**

Growing manufacturers are increasingly looking to Costpoint to unite their financial management system with their manufacturing operations system for improved cost containment and process efficiency.
Seamless Quality Management

Integrated quality management is standard with Costpoint Manufacturing solutions. Quality measures are built in, not inspected in, as work plans intersect with inspection plans and engineering processes. Detection methods include alerts triggered by up-to-the-minute data at the source, helping quality teams resolve issues with speed and accuracy.

Costpoint customers are utilizing the latest in lean manufacturing processes via automation that helps ensure quality is established, followed and documented, at each step of the project, making audits, adherence to compliance, and cost evaluation easier.

Being adaptable, configurable and extensible, Costpoint Manufacturing solutions are built for innovative manufacturers.

KEY BENEFITS INCLUDE:

» Inspections:
  • Incoming
  • Source
  • First Article

» Work in Process Quality
  • Initiate discrepancy at operation, work order, component or assembly level
  • Rework labor collection
  • Operator skills, tools and calibration

» Corrective Actions

» Root Cause Analysis

» In line Statistical Process Control (SPC) data collection for process tracking

» Initiate liens
Become a modern manufacturer by digitally transforming your business with Deltek Costpoint Manufacturing Solutions.

Learn more at Deltek.com/manufacturing