

IHS 4DOnline Comet



The Source
for Critical Information and Insight™

Advanced Tools for Identifying and
Resolving Electronic Component
Obsolescence Issues

Manufacturers today face mounting pressures to improve time-to-market while reducing costs, comply with a growing number of hazardous material regulations, and ensure product sustainability over extended service life spans. In many cases these challenges continue to grow over the product's life cycle as component technology advances, suppliers enter or leave the market, and countries adopt new environmental regulations.

Developing and maintaining competitive products requires manufacturers to continually innovate and create high quality products while lowering costs. Executing against business initiatives means successfully coordinating products and lines across multiple production sites, suppliers and regulations.

To compete and achieve their objectives, manufacturers must address the following issues to stay ahead of tomorrow's uncertainties, including:

- Avoid shortages of critical components to attain production and revenue targets
- Identify technology advancements that can affect designs, sources, or margins
- Avoid lost opportunities in markets with environmental regulations
- Assure availability of maintenance components for the duration of a product's life cycle, especially mission-critical equipment and weapons systems.

With IHS 4DOnline Comet, manufacturing organizations can create a competitive advantage by establishing a practice that links information, people, functions, and

processes to resolve the full range of obsolescence management issues.

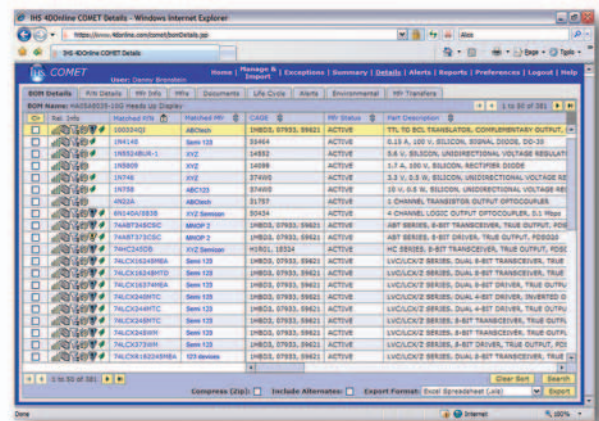
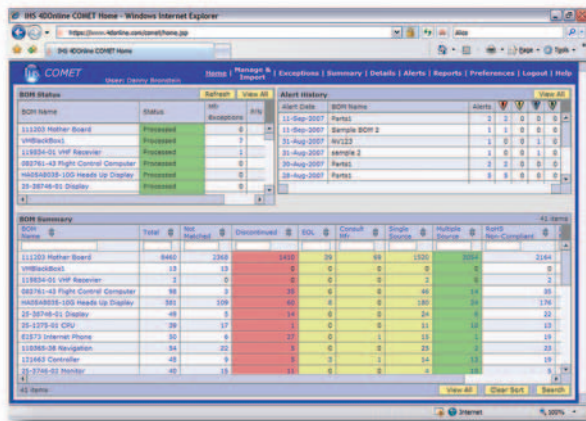
Strategic Component Obsolescence Management

IHS 4DOnline Comet is a comprehensive application for obsolescence management professionals that rely on current and accurate component information.

Comet automates obsolescence management by linking information, people, functions, and processes to:

- Actively identify obsolescence issues by monitoring status changes, life cycle forecasts, manufacturer PCNs and GIDEP alerts
- Analyze impacts and risks at the component, assembly, product line and platform levels
- Automate resolution processes and communication with responsible parties
- Enhance practices by documenting issues, resolutions, approvals, costs, and other metrics.





Summary reports and detailed component alerts make it easy to manage availability status and compliance in a single system.

Comprehensive Obsolescence Management Tools

Automate BOM management processes

- Organize BOMs in a single, secure environment
- Import fully indentured BOMs, maintain assembly and where-used relationships
- Automate part number and manufacturer name cleansing
- Monitor BOM processing
- Summarize exceptions and obsolescence impacts
- Generate reports and distribute to responsible parties.

Receive daily email update reports

- Manufacturer's availability status changes and PCNs
- GIDEP Alerts
- Failure Notices
- Last Time Buy and Delivery dates
- Reinstatement parts.

Analyze obsolescence impacts

- Review technical, availability status, and compliance documentation
- Compile Where-Used and Commonality reports with 2-4-8 year availability forecasts at the assembly and part level
- Research suggested alternates for discontinued, non-compliant parts, or single-source parts.

Standardize resolution processes

- Build a knowledge database of reconciled supplier and part exceptions

- Quickly document affected part details and issues
- Coordinate communication to affected, responsible parties.

Benefits

- Increase opportunities for cost-effective issue resolution with current status, technical, and compliance data
- Optimize cost savings by aligning issue resolutions across product lines and manufacturing facilities
- Improve time-to-market by avoiding production delays due to component shortages
- Actively manage risks and opportunities across product lines and manufacturing facilities as markets adopt environmental regulations
- Assure sustainability of long life cycle products by actively monitoring critical components
- Increase effectiveness of strategic obsolescence programs with improved issue awareness, analysis, resolution, and communication processes.

4DOnline Parts Universe

4DOnline Comet includes IHS Parts Universe, the leading electronic component research tool. Search components by part number, manufacturer, keyword, or attribute to view parametric and compliance data and documents. Then, compare parts side-by-side to quickly identify form-fit-function or lead-free replacements.



IHS Inc.
800 716 3447 (United States)
+1 303 397 2896 (Worldwide)
<http://solutions.ihs.com>
www.ihs.com