IHS Markit™

TECHNOLOGY

# BOM Intelligence

## Easy-to-use BOM analysis and collaboration environment that promotes effective and proactive management of electronic component parts

Managing components and suppliers is more critical than ever as obsolescence, counterfeit, and non-compliance risks continue to grow. An effective BOM analysis system will enable organizations to increase the pace of new product introductions, avoid costly production interruptions or product redesigns, and improve sustainability over extended service lives.

IHS BOM IntelligenceSM, the most user-friendly & intuitive bill of materials application in the industry, provides the tools to build a competitive advantage. It enables a wide range of users, from novice to expert, the ability to easily find the important part data and information required to:

- Manage component obsolescence and compliance, proactively
- Avoid shortages of critical components to meet production and revenue targets
- Eliminate redundant components, suppliers and excess inventories
- Avoid lost opportunities in markets with environmental compliance regulations
- Identify at-risk components and technology throughout the entire product cycle
- Manage extended supply chains and avoid counterfeit part risks
- Identify technology advances that can affect designs, sources, or margins

### KEY FEATURES

Industry Leading Interface – The most intuitive interface in the industry enables:

- Intuitive workflows to enable users to mitigate supply chain risks
- 1-Step BOM Import - Simplifies the multistep import process down to a single step
- Context-sensitive help
- New BOM Dashboard - Provides customers a graphical representation of the health of their BOM
- Simple Search - No matter where you are in the application, Part Search is always at the top of the screen
- New MegaNav action-based menu allows customers to easily select their workflows
- Simplified Reporting - Generate and create reports in a simple, intuitive workflow

## IHS Electronic Part Management Solutions offer:

**INDUSTRY'S LARGEST DATABASE** which provides customers the greatest opportunity to find their matched parts

**ACCURATE INFORMATION** allows our customers to make informed decisions. For example, by averaging over 99.5% accuracy in part status, IHS enables customers to ensure they are not surprised by changes in part availability.

**MORE HISTORICAL DATASHEETS** and more parts from the 60s, 70s and 80s than any other electronic component provider. This offers customers with long product lifecycles the easiest path to find datasheets for their historical parts and optimize component replacement decisions.

**UNLIMITED LOADING OF CUSTOMER COMPONENTS** at no additional cost.

# IHS BOM Intelligence enables you to quickly and easily:

## Access the IHS Parts Database

BOM Intelligence includes access to the IHS Parts Database, the leading electronic component database with attribute data and documentation on close to 500 million electronic, electro-mechanical and fastener parts, from more than 4000 manufacturers, as well as integrated access to the tens of millions of NSNs and part numbers in Haystack Gold. Users can easily research components by part number, manufacturer or attributes and quickly compare parts side-by-side to improve technical, design and sourcing decisions, from within the BOM Intelligence interface.

## Identify potential impacts earlier

- Receive daily updates for component status, EOL and PCN notices, GIDEP alerts, counterfeit notices regarding substandard and high risk parts
- Quickly view and compare life cycle, environmental and supply chain risk scores based on part status, years to end of life forecasts, number of active suppliers, availability from distributors, and RoHS / REACH compliance
- Access EU-RoHS, China-RoHS, REACH, DRC Conflict Mineral-free and Full Material Disclosure (FMD) content
- Determine the presence of hazardous substances from the REACH SVHC lists through manufacturer full material disclosure (FMD) data
- View Where-Used and commonality reports based on part number, technical characteristic, alert notice, or manufacturer
- Generate 2-4-8 year availability forecasts at the assembly and part level

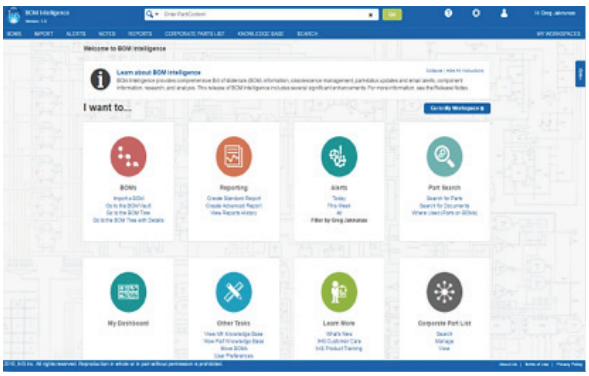
## Automate critical processes

- Organize, manage and analyze BOMs in a single, secure environment
- Load data easily using the 1-Step BOM Import
- Simplify the part number and manufacturer name cleansing process, including part number auto-matching.
- Build a knowledgebase of reconciled supplier and part exceptions
- Track new, reviewed, and under investigation alerts
- Summarize exceptions and obsolescence impacts
- Integrated access to both current and historical part information including datasheets, application notes, product notices, and environmental documents, technical attributes, and manufacturer part cross-references.
- Identify cross-reference parts for at-risk parts, along with the manufacturers that are actively producing the cross-references or industry generic parts.

# BOM Intelligence - Enhancements

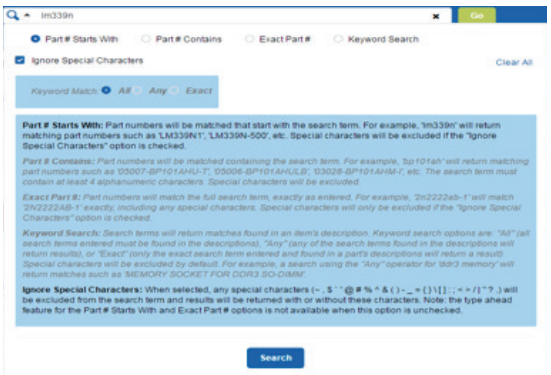
BOM Intelligence includes several significant enhancements designed to facilitate easy, more efficient BOM management and component data access:

## Start Page



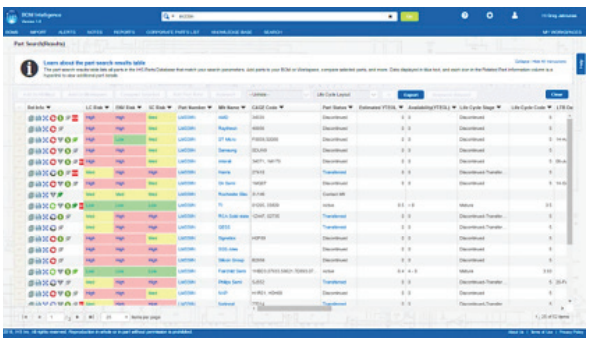
The Start Page contains panels that provide quick access to key workflows in the application, such as working with BOMs and reports, accessing alerts, searching for parts, managing your CPL and accessing training and support.

## Simple Search Panel



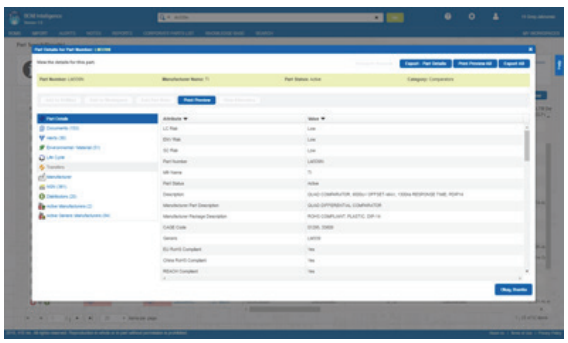
The Simple Search Panel is available from anywhere in the application.

## Part Search Results



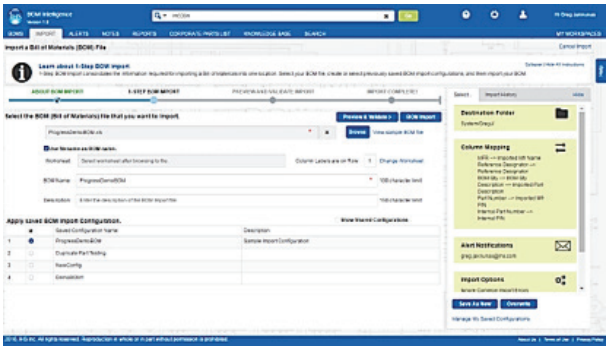
The Part Search Results page lists parts that match your search criteria, what type of related information is available for each part, and quick access to the part's technical data, the latest datasheet, cross-references, alerts, and much more.

## Part Details



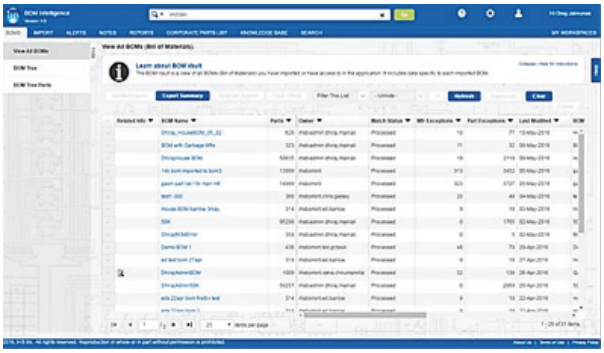
View technical attributes for each part on your BOM, including datasheets and documents, part alerts, environmental, life cycle, distributor and manufacturer data, alternates, NSN item information and more, from the IHS Parts Database.

## 1-Step BOM Import



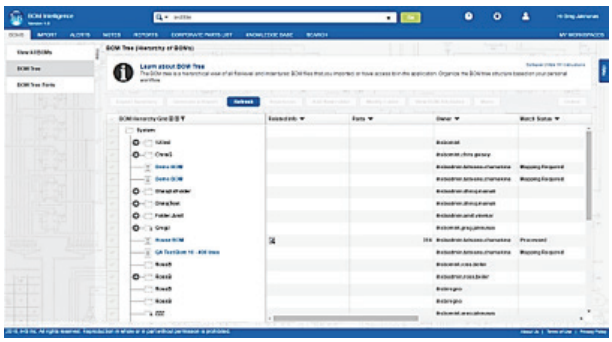
1-Step BOM Import consolidates the actions required for importing a Bill of Materials into one step. Select your BOM file, create or select previously saved BOM import configurations, and then import your BOM.

## BOM Vault



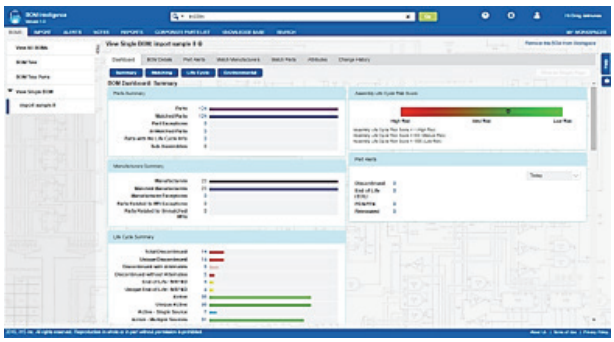
The BOM Vault is a view of all BOMs you have imported or have access to in the application. It includes data specific to each imported BOM.

## BOM Tree



The BOM Tree is a hierarchical / folder view of all BOM files that you imported, or have access to in the application. Organize the BOM tree structure based on your personal workflow.

## BOM Dashboard



View summary information about your bill of materials using the new, graphical BOM Dashboard along with links to at-risk parts and any recently received alert notifications.

## Additional important Electronics Parts Solutions offerings from IHS include:

CAPS Universe | Content Services | CAPS XML Web Services API | PCNalert

For more information www.ihs.com/parts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## About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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