

IHS Unified Engineering Master (UEM)

Comprehensive information resources and advanced searching tool for improved decision-support systems



The Source
for Critical Information and Insight™



Manufacturers must act quickly to keep product development on track in a world of rapidly changing technology, extended supply chains, and evolving environmental regulations. Today, simply keeping up requires current, accurate information at every step - from research and design to sourcing, manufacturing, and support.

Decision makers throughout your organization rely on current, accurate information to make the best decisions and avoid the hidden costs of time-consuming searches in unmanaged data collections.

The quality and completeness of your information resources has a direct impact on your organization's ability to develop and support products. Finding technical and availability information for key components is critical to the success of a product and ultimately the company's bottom line.

IHS Unified Engineering Master (UEM) provides the shortest path to current technical standards and critical component data

A comprehensive, managed resource that is accessible enterprise-wide can improve decisions that affect every aspect of product development, compliance, delivery, and support.

UEM provides single-point access to managed resources to allow decision makers to quickly find the information they need.

- Research industry standards for performance, technical, safety, and environmental compliance requirements
- Select the right component for the product design
- Find the supplier that can deliver on time
- Find an alternate part that complies with environmental regulations

UEM offers enterprise-wide, single-point access to a collection of professionally managed libraries that combines industry standards and component databases with powerful indexing and searching tools. Whether you are searching for component data, applicable specifications, product availability, alternate sources for production emergencies, or pricing information, UEM provides access to a professionally managed information asset that can improve decisions at every stage of product development.

Make better decisions faster and avoid the hidden costs of searching incomplete, unmanaged data collections

Unified Engineering Master (UEM) provides access to four IHS databases containing Commercial, Government and Military Standards from more than 370 Standards Development Organizations, Electronic Components from more than 500 manufacturers, 8 million Aerospace Fasteners, and critical logistics parts from over 40 Military and Government databases.

Standards Expert

- IHS Standards Expert provides clear, direct focus into the versions and details of standards needed. IHS Standards Expert taps into the most comprehensive worldwide collection of industry and military specifications and standards, updated daily for currency and reliability, with easy, intuitive searching, navigation and monitoring of standards from any employee desktop.

4DOnline Parts Universe

- 4DOnline Parts Universe is a world class electronic component database that provides information on more than 33 million parts from over 500 manufacturers. Engineering, procurement, and sales/marketing professionals rely on Parts Universe to access critical component information including alternates, status, RoHS compliance, manufacturer datasheets, applications notes, timing diagrams, end of life forecasts, and PCN's.

Fasteners eCatalog

- Fasteners eCatalog is developed in conjunction with the Aerospace Industries Association (AIA) to provide a powerful decision support system for engineers in the aerospace, commercial aviation and defense industries. It includes Mil-part numbers from AIA/NAS, MIL-DTL-1222 Rev. J, BSI, and AMSE Documents to streamline the workflow of engineers to identify and select the best fasteners that meet both industry standards and specific design requirements. For each part, engineers can view information such as material, finish, thread type and size and compare multiple parts side-by-side.



Flexible Searching to get to the Right Information Faster. Find relevant information quickly with a single search that delivers summary results in a consistent, easy-to-navigate table

Haystack Gold

- Haystack Gold provides a comprehensive parts and logistics information system that automates part research and sourcing to maximize supply chain effectiveness. Haystack Gold contains more than 100 million items in the US Federal Supply catalog from over 40 US Army, Navy, Air Force and related databases. With advanced indexing features users can locate a part, determine the manufacturer, and identify alternate supply sources in the aggregate of government procurement catalogs.

Features

- Initiate searches with complete or partial part numbers, document numbers or keywords
- A common user interface provides consistent, easy-to-scan search results
- Intuitive results filtering to quickly drill down to specific details

Search Methods	Results and Filters
Part / Ref Number <ul style="list-style-type: none"> • Full or partial part or number • Standard Document number 	<ul style="list-style-type: none"> • Source Database • Part or Standard Document Number • Name of Manufacturer or Standards Development Organization • Part Description or Standard Title • CAGE Code • Status
Keyword <ul style="list-style-type: none"> • Part description or trade name • Title of Standard 	

Benefits

The Whole is Greater than the Sum of its Parts. Decision makers benefit from starting with a broader set of results when:

- Ensuring compliance to industry requirements and quality initiatives
- Researching alternate suppliers or non-critical commodities
- Investigating lower price options
- Collecting information for a price quote
- Comparing purchasing history and delivery terms
- Identifying an exact part or source with unspecific item and supplier information

UEM: An Essential Element of Industry Leading Best Practices:

- Save time by using a credible, managed resource to search for applicable standards, components, and suppliers
- Expand insight by integrating results from multiple sources with full view of requirements, attributes and side-by-side comparisons
- Increase communication and collaboration across a distributed team with consistent information at each workflow stage

- Effectively manage product life cycle and component obsolescence
- Reduce research and service request time
- Ensure environmental regulation compliance
- Leave a traceable logic trail and information record for justification and reuse

From Data Point to Decision Point: UEM helps users problem-solve by quickly generating relevant results and easily drilling down to specific details

Subscription Options

Subscribe to the entire library or just the data collection that meets your requirements. Your IHS account manager will work with you to identify the best configuration for your needs.

Custom IHS Solutions

By leveraging the deep industry expertise within IHS, we collaborate with customers to identify their critical technical information requirements for a wide range

of engineering processes, including research and development, design, testing and validation, procurement and bidding, manufacturing and logistics, and maintenance, repair and overhaul. In addition to delivering standard data collections, IHS can tailor a custom data collection to provide specific data elements that can be integrated with in-house product lifecycle, manufacturing, and enterprise resource planning systems.

Customer Support & Education Services

IHS has a team of specialists available for product support and to help you get the most out of UEM. We provide worldwide support through regional offices and support centers that are available to our customers including:

- Onsite customer support and training using educational approaches and tools that focus on improving project implementation and application support users familiarity and productivity.
 - Regional language based training and support
 - Online, interactive customer training and support
 - Online Help and Product Tip Sheets
 - Customized training to align with your organization's practices.



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