IHS Parts Management Solutions
Information Resources and Tools for the Life of Your Products

Transforming component management
into a driver for innovation and growth

IHS®

IHS is the source of component and supplier data and tools that delivers critical information and insight used in every stage of the product lifecycle.

Companies around the world are challenged to manage the opportunities and risks of developing successful products in increasingly competitive and regulated markets. In today's stressed economic climate, technology continues to advance at an increasing pace and supply chains are expanding globally, while regulations and consumers drive demand for green products.

Every manufacturer is under pressure to innovate, improve quality and reduce costs while increasing revenues and margins. Managers must learn to do more with less and find smarter ways to run their organizations in order to meet aggressive schedules and cost targets.

How can your organization develop successful products and meet these conflicting goals?

Information is the key. Some manufacturers take a case-by-case approach and address design, obsolescence and compliance issues as they arise. Many rely on disparate, unorganized catalogs or web sites for the latest component and supplier information. Others use spreadsheets to attempt to manage complex product configurations over lifecycles that can last for decades. However, as products become more complex and sustainment requirements grow, the cost of inefficient practices and potential risks have spiraled upwards.

Manufacturers around the world consistently select IHS because our parts management solutions:

Reduce Costs...

Optimized Product Development

Find the right components and suppliers more efficiently to meet your product design objectives. With enterprise-wide access to current data and advanced configuration management tools, your organization can streamline processes at every step to meet time-to-market and quality goals.

Reduce Risks...

Assured Compliance and Sustainment

Select components free of hazardous substances and get early insight into at-risk parts. We help you find parts that comply with environmental regulations and provide lifecycle forecasts for critical components to prevent late-state changes to designs and assure availability for extended service lives.

Drive Growth...

Improved Performance

Turn information management into the driver for creating successful products. IHS helps you manage development at every stage, build stronger partnerships across your supply chain, and enhance your reputation with employees, investors and customers.

Single-point access to strategic parts management solutions.

Comprehensive and Accessible

From early-stage design to sustaining products that have decades-long service lives, IHS provides the information resources, tools and services to improve decisions and processes. Manage parts and suppliers, as well as compliance and obsolescence risks with current, comprehensive component databases and powerful application tools.

Manufacturers in every industry rely on IHS for integrated solutions that enhance productivity to enable professionals to focus on high value development, analysis and process improvements.

- **Information Resources** — Indexed and normalized databases for powerful searching across thousands of manufacturers; includes supplier documents, compliance data and proprietary lifecycle forecasts.

- **Management Tools** — Identify, compare and actively monitor part status, critical end-of-life notices; control product configurations individually or enterprise-wide.

- **Available Where Required** – Decision support information is accessible via IHS applications or integrated directly into enterprise systems.

Rich Content, Advanced Tools and Custom Services

IHS offers a comprehensive portfolio of parts databases, software and custom data services that put information and management tools where they are needed in your product development processes.

As one of the world's premier information providers, IHS delivers technical, sourcing, logistics and compliance data and documents with the most advanced applications to effectively research, monitor and manage the critical parts in your products.
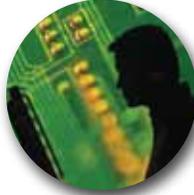
We provide information on tens of millions of electronic components from thousands of suppliers, over 100 million DoD logistics records, and 17 categories of fasteners and hardware. We also collect and index product updates and change notices from manufacturers as well as datasheets, compliance and material disclosure documents, pricing data and counterfeit alerts to make component selection as efficient as possible.

IHS also develops intergated tools used by engineers and sourcing professionals to manage complex product configurations over extended lifecycles, research purchase history and pricing information, or review applicable standards to identify conforming parts.

Tailored to the challenges that organizations face with out-of-date, inaccurate, or incomplete component and supplier information in PLM or ERP systems, IHS content services provide domain expertise, subject matter experts and ISO-certified processes to collect and integrate the specific data required for in-house systems and initiatives.

IHS focuses on delivering information and insight that helps manufacturers develop successful products. Let IHS provide you with the content, tools, and expertise to improve your product development processes.

Full-Spectrum Research, Design, Lifecycle Management, Supply Chain and Compliance Solutions

Product Research & Development

- Market and Technology Forecasts
- Component Research and Selection
- Lifecycle Forecasting
- BOM Analysis
- Configuration Management
- Material Properties
- Design Methods
- Chemical Compliance
- Compliance Verification
- Component Datasheets
- Manufacturability
- Cost Modeling
- Teardown Analysis

Environmental Regulations & Compliance

- Worldwide Regulations Monitor
- EHS Compliance
- EU RoHS Compliance, Exemptions, Certificates, Material Disclosure
- China RoHS Compliance, EFUP, Material Content
- Aerospace and Defense PDSL Substance Presence
- REACH SVHC Presence, Documents
- Hazardous Substance Content/Weight
- BOM Environmental Compliance Health Score

Strategic Sourcing & Supply Chain Management

- Supply and Demand Analysis
- Supplier Status and Consolidations
- Preferred Supplier Development
- Alternate Parts and Suppliers
- Component Material Content and Compliance Notice Distribution
- Pricing and Availability
- US Government Spend and Logistics

Data Transformation

- Component Data Cleansing
- Requirement Analysis
- Taxonomy Implementation
- Indexing and Classification
- Data Enrichment and Normalization
- Data Analysis and System Consolidation
- Data Sourcing for Client Parts and Materials
- Material and Information Extraction from Drawings
- Reference Database Integration with Internal Systems

Through-Life Product Support

- Obsolescence Risk Analysis
- Resolution Workflow
- PCN and EOL Alerts
- YTEOL Forecasts
- Alternate Part Research
- Aftermarket Suppliers
- Counterfeit Alerts
- DMSMS Alerts
- BOM Obsolescence Health Score
- Alternate Sources

Customer & Supplier Communication

- Product Change, EOL/LTB and Material Composition Notification to Your Customers
- Track Customer Acknowledgment of Notice Receipt
- Compliance with Mandatory Notification and Reporting Requirements

Our **proven ability to deliver** will give you confidence that your product development processes will be a success.

For more than 50 years, the information management professionals at IHS have been serving manufacturing organizations and government agencies worldwide - large and small, in every major industry sector. We were pioneers in the development of many information management technologies and continue today to lead the way with innovations. Find out for yourself why so many industry leaders choose IHS as their provider of parts management solutions.

Who Uses IHS for Product Lifecycle Management?

3000+ Organizations with hundreds of thousands of individual users

650+ U.S. Fortune 1000 customers and 80% of the Global Fortune 500

70+ Countries with IHS software implementations

Industries We Serve

- Aerospace & Defense
- Commercial Aviation
- Electronics
- Automotive
- Chemical Manufacturing
- Telecommunications
- Medical Equipment
- Transportation & Logistics
- Pharmaceutical & Biotechnology

- Research and High Technology
- Industrial Manufacturing
- Petroleum Refining
- Utilities Distribution/Transmission
- Utilities Power Generation

PLUS
- Government Agencies
- Military Organizations
- Academic Institutions

IHS Solutions

- **iSuppli** — Market, Industry & Technology Research & Analysis
- **Global Insight** — Economic & Financial Reports & Forecasts
- **ESDU Design Data & Methods** — Aerostructural Design & Process Engineering
- **Standards Expert** — Commercial & Government Standards & Regulations
- **Parts Universe** — Electronic Component & Fastener Databases
- **BOM Manager & COMET** — Bill of Material Management
- **PCNalert** — Component Obsolescence Management
- **ERAI** — Counterfeit, High Risk and Substandard Part Alerts
- **CINDAS** — Material Properties Databases
- **Haystack Gold** — Logistics Parts & Suppliers Databases
- **ART Applicability Review Tool** — EHS Compliance
- **EIATRACK** — Worldwide Environmental Regulation Monitor
- **Screen Digest** — Media Content & Distribution Technology

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