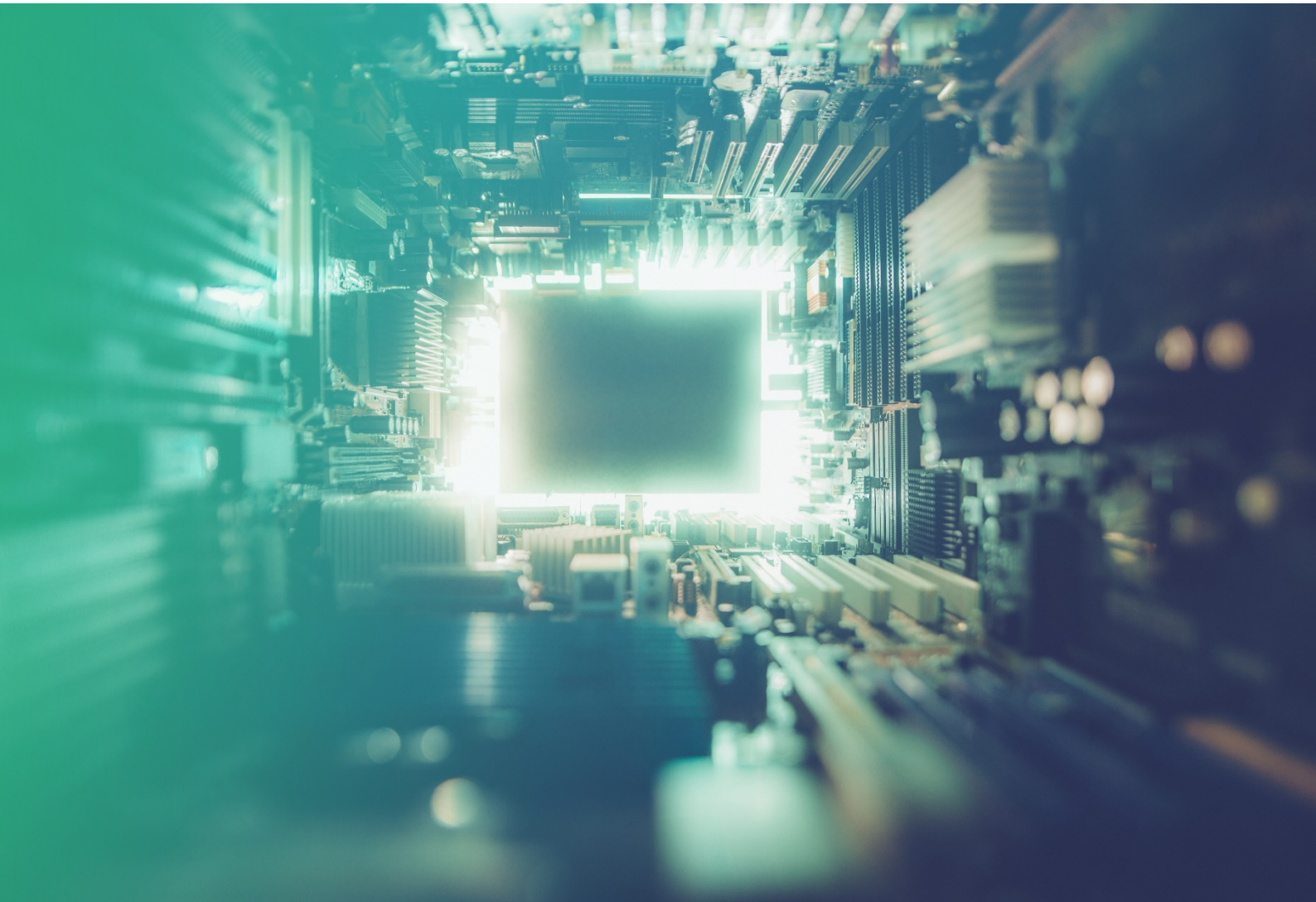# IHS Markit™

Parts Management Solutions

Transforming component management
info into a driver for innovation & growth.

IHS Markit 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 manually search 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.

IHS Markit offers a comprehensive, vetted and trusted content

We provide information on over half a billion board-level components from over 4800 worldwide manufacturers with the top 530 complete, regularly updated and current, 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, conflict mineral, compliance and material disclosure documents, pricing and authorized distributor data, and counterfeit alerts to make component selection as efficient as possible.

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

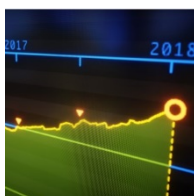### Reduce Costs
Optimized Product Development
Find the right components and suppliers more efficiently to meet your product design objectives. With enterprise-wide access to current data and advanced BOM analysis tools, your organization can streamline processes at every step to meet time-to-market 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.

Comprehensive and Accessible

From early-stage design to sustaining products that have decades- long service lives, IHS Markit provides the information resources, solutions and services to improve decisions and processes. Manage parts and suppliers, as well as compliance and obsolescence risks

Manufacturers in every industry rely on IHS Markit 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;

• 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 Markit applications or integrated directly into enterprise systems.

Rich Content, Advanced Tools and Custom Services

IHS Markit offers a comprehensive portfolio of parts databases, online solutions 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 Markit delivers technical, sourcing, logistics and compliance data and documents with the most advanced solutions to effectively research, monitor and manage the critical parts in your products.

We provide information on over half a billion board-level components from over 4800 worldwide manufacturers with the top 530 complete, regularly updated and current, 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, conflict mineral, compliance and material disclosure documents, pricing and authorized distributor data, and counterfeit alerts to make component selection as efficient as possible.

IHS Markit also develops integrated 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 XML, PLM or ERP systems, IHS Markit 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 Markit focuses on delivering information and insight that helps organizations develop successful products and programs. Let IHS Markit provide you with the content, tools, and expertise to improve your programs, products and processes.

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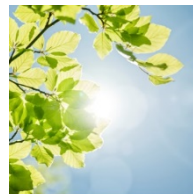
Product Research & Development

- Market and Technology forecast
- Component research and selection
- Lifecycle Forecasting
- BOM analysis
- Configuration Management
- Material Properties
- Design Methods
- Chemical Compliance
- Compliance Verification
- Component Datasheet
- Manufacturability
- Cost Modeling
- Teardown Analysis

Environmental Regulations & Compliance

- Worldwide Regulations Monitor
- EHS Compliance
- EU RoHS Compliance, Exemptions, Certifications, 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
- UK and Canadian Logistics Data

Data Transformation

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

Through-Life Product Support

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

Customer & Supplier Communication

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

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

Who Uses IHS Markit 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 Markit software implementations

Industries We Serve

- Aerospace & Defense
- Commercial Aviation
- Electronics
- Automotive
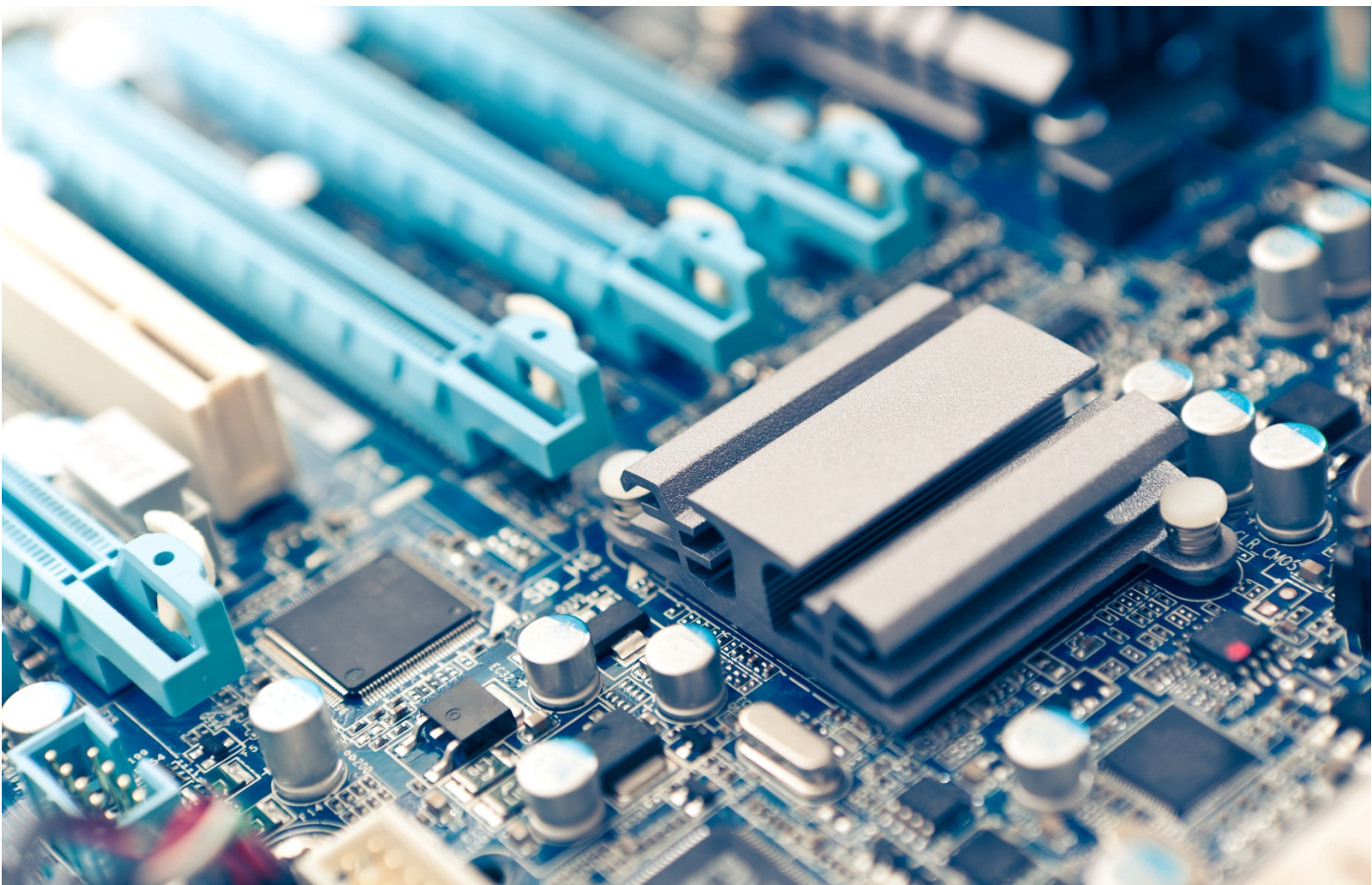- Chemical Manufacturing

- 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 Markit Solutions

- Parts Intelligence — Electronic Component & Fastener Databases

- BOM Intelligence — Bill of Material Analysis Solution

- PCNalert — Component Obsolescence Management

- Haystack Gold — Logistics Parts & Suppliers Databases

- Standards Expert/Engineering Workbench — Commercial & Government Standards & Regulations

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.

IHSMarkit.com