

ICE

Innovative Tools and Services for Direct Parts Management



The Source
for Critical Information and Insight™

IHS offers the ICE solution designed specifically to help companies obtain more value from their direct parts data. By combining internal company data with the world's largest collection of direct parts reference data, IHS provides a flexible, collaborative, best-in-class data management, integration, search and retrieval solution. The IHS ICE solution enables your company to maximise parts reuse, manage parts obsolescence, minimise design rework, comply with environmental regulations and accelerate time to market.



ICE provides compelling value with bottom-line results.

Functions

- Quick identification of all existing parts
- Improved visibility and access to technical, lifecycle, supply chain and HAZMAT information
- Identification and consolidation of duplicate parts and components
- Improved strategic sourcing
- Cost-effective parts management technology
- Shortened parts and materials searches

Value

- Maximised design reuse
- Increased revenue and profitability
- Reduced product support and compliance costs
- Lower direct materials and procurement costs
- Reduced product design and manufacturing costs
- Improved worker productivity
- Increased benefit realisation from ERP and PLM systems
- Lower total cost of ownership

The IHS ICE solution for component information management is a next-generation software tool with world-class services and reference content.

ICE contains three primary components:

- Comprehensive Reference Content and Solution Delivery Services
- Flexible Content and Catalogue Management
- Sub-Second, Zero-Training Information Retrieval

Comprehensive Reference Content and Solution Delivery Services

ICE is designed to serve as a platform through which data from external reference content, other external systems and internal enterprise systems (PDM/PLM, SRM, ERP, SCM) can be easily incorporated into the engineering design and decision-making process. IHS content can also be integrated as part of your external reference data. We provide an unparalleled depth and breadth of information including but not limited to:

- **IHS Electronic Database™** - allows you to access all aspects of product critical component information from more than 500 manufacturers
- **Fasteners eCatalog** - Database of multiple standard fastener references including more than 800,000 discrete parts
- **CatalogXpress®** - Contains more than 400,000 product catalogues and datasheets for components, subassemblies, assemblies and systems collected directly from nearly 16,000 commercial manufacturers and government contractors in multiple industries
- **HAYSTACK®** - The world's most complete parts and logistics management system providing access to information on over 100 million items in the U.S.
- **IHS Specs & Standards** - Standards and specifications from over 450 standards developing organisations worldwide including International, European, National, U.S., Corporate, Military and Historical Standards

With years of experience in building and integrating content and standardising technical information, IHS has acquired world-class domain and broad industry expertise. As part of our solution, we provide efficient and complete implementation and data management services, allowing your organisation to save money by utilising our time-proven capabilities.

Flexible Content and Catalogue Managements

The ICE Design for Retrieval (DFR) Catalog Manager® application provides flexible taxonomy, data cleansing and data management capabilities with advanced automation for data accuracy. This powerful and easy-to-use tool allows your organisation to manage its own catalogue internally and control the component management process. It accommodates the addition of new parts, attributes and new categories in addition to part deletion capabilities. Because ICE.DFR can be centrally managed and audited, true visibility into data management across geographic regions can be realised. It provides the enterprise with the ability to develop a hierarchical structure for items with "point and click" simplicity and affords flexible taxonomy management for current and future needs.

DFR is built on the Microsoft®.NET architecture, also known as a "smart application", making it very scalable. This promotes easy collaboration as organisations build and fine tune their enterprise data model.

Sub-Second, Zero-Training Information Retrieval

ICE.ProFind™ is based on eight patent-pending technologies and is optimised for information access and retrieval, leveraging the data classification and attribute management capabilities of ICE.DFR. ICE.ProFind integrates search and Guided Navigation®, providing sub-second response time at scale. This enables users to quickly find critical parts information and encourages part reuse by exposing dynamic, attribute-based navigation. ICE.ProFind combines simplicity and speed with the power of your highly attributed part and product data.

ICE.ProFind is seamlessly integrated with ICE.DFR and successfully combines search and Guided Navigation to maximise information discovery. ICE.ProFind provides the most effective information access and retrieval solution available, putting your content in context, allowing your engineers and other critical users to make better informed decisions.

To experience how the ICE solution will drive an immediate and dramatic return on investment, please contact your IHS representative or visit <http://solutions.ihs.com>

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IHS UK
t: +44 (0) 1344 404434
e: marketing@ihsti.com
w: www.ihsti.com

IHS France
t: +33 (0)1 44 50 54 33
e: info@ihsfrance.com
w: www.ihsfrance.com

IHS Northern Europe
& CIS Countries
t: +45 39402244
e: info@ihsnecis.com
w: www.ihsnecis.com

IHS Germany
t: +49 (0) 89 8952690
e: mail@ihs.de
w: www.ihsinfo.de

SNV Shop Switzerland
t: +41-(0) 52 2245454
e: info@snv.ch
w: www.snv.ch