

# Intermat Solutions

Significant Savings in Maintenance, Repair and Operations (MRO)



**The Source**  
for Critical Information and Insight™

**IHS Intermat Solutions provides proven solutions for the standardization and enrichment of data used to identify a wide variety of indirect (industrial MRO) materials, such as pipes, valves, seals, bearings, supplies and associated plant equipment. Our taxonomy, the Standard Modifier Dictionary (SMD™), is the most widely implemented standard for describing industrial MRO parts and supplies.**

Our parts optimization software tools (Struxure® & SMD™) are used daily by over 2,000 industrial plants and facilities in 31 countries. Combined with our parts standardization and enrichment services, these tools form the foundation for a variety of comprehensive parts optimization solutions providing our customers with tangible and sustainable benefits.

FUNCTIONS	VALUES
<p><b>Parts Optimization Services</b></p> <ul style="list-style-type: none"> <li>• <i>Cleansing, standardization and enrichment of MRO parts information to industry-proven descriptive templates</i></li> <li>• <i>Utilization of best-in-class reference database for cost-effective enrichment</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>More accurate and consistent MRO parts descriptions</i></li> <li>• <i>Reduced procurement costs</i></li> <li>• <i>Increased plant and equipment availability</i></li> <li>• <i>Increased employee productivity</i></li> <li>• <i>Increased operational effectiveness</i></li> </ul>
<p><b>Duplicate Part Identification</b></p> <ul style="list-style-type: none"> <li>• <i>Identification and elimination of functionally equivalent and duplicate inventory</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Reduction in inventory levels by 5% to 20%</i></li> <li>• <i>Reduced inventory carrying costs</i></li> <li>• <i>Reduced procurement costs</i></li> </ul>
<p><b>Catalog Authoring and Management Software</b></p> <ul style="list-style-type: none"> <li>• <i>Development and maintenance of accurate and consistent MRO parts descriptions</i></li> <li>• <i>Enterprise-wide view into an organization's inventory</i></li> <li>• <i>State-of-the-art catalog search</i></li> <li>• <i>Certified integration with many of the leading enterprise resource planning (ERP) and enterprise asset management (EAM) systems</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Ongoing avoidance of false stock-outs</i></li> <li>• <i>Ability to leverage organizational-wide purchasing information</i></li> <li>• <i>Increased worker productivity from shortened parts and materials search times</i></li> <li>• <i>Improved ERP and EAM system benefits by creating and maintaining part records in the materials master</i></li> </ul>

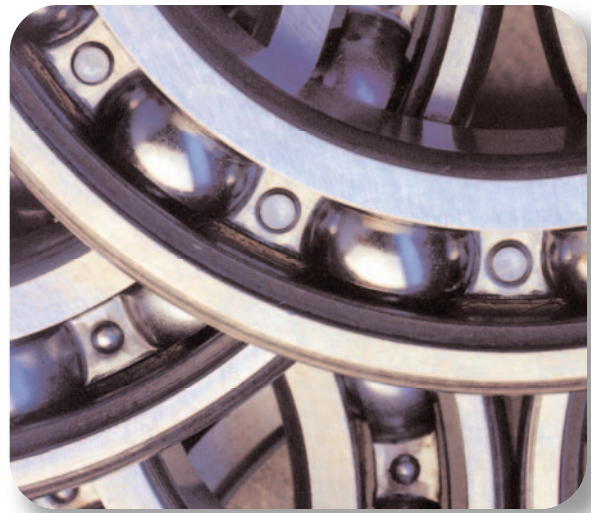
## 28 Years of Best-in-Class Parts Optimization Services

IHS Intermat Solutions has over a quarter century of experience offering a broad range of parts optimization services to help customers standardize, enrich and maintain MRO parts databases. These services range from identifying potentially duplicate inventory to verifying and enriching data on an item-by-item basis. IHS Intermat Solutions designs custom solutions for each client, and our parts optimization services are classified and managed in three phases:

- **Phase I:** “First pass” service utilizes AutoCon™, our proprietary data conversion software tool, to automatically create SMD-based descriptions from unstructured, free-form text.
- **Phase II:** A more detailed “data standardization” service provides review and validation of parts data by IHS Intermat Solutions Material Analysts with respect to spelling, punctuation and presentation. Statistical sampling and specific item-by-item review is included to ensure consistency and accuracy.

- **Phase III:** “Fill-in-the-blanks” enrichment service completes the customer’s SMD-based descriptions through in-house research and/or on-site data collection.

Customers of our parts optimization solutions report payback periods of within three to six months of project completion, along with a first-year ROI between 150% and 350%.



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