

## IMPROVING PART-DATA QUALITY

# Are You Leveraging the Power of Your Part Data?

**SOLVING YOUR TOUGHEST CHALLENGES**

You face constant pressure to deliver new products. Does your part data help the cause – or make things worse? Make sure you can answer “yes” to questions like these:

- Is your part data accessible, complete, accurate and consistently described?
- Can purchasing easily group similar components for purchase to improve pricing leverage with suppliers?
- Is the data complete so that you can use an effective governance process to prevent part duplication and limit part proliferation?

- Does the data allow engineers to quickly find existing components satisfying their requirements? Or are new parts simply created, increasing costs and bloating inventory?
- Can engineering quickly categorize components to focus on standardizing components rather than constantly customizing parts?
- Is the data sufficiently up-to-date to highlight noncompliant or obsolete parts?
- Can you quickly compare data from recent acquisitions or from disparate business units to consolidate part count and efficiently identify substitute components?

**WHO WE ARE**

Since 2001, Convergence Data has saved clients time and money by extracting, cleansing, normalizing and managing their part data. Count on us to transform your

data from inconsistent and incomplete to organized and efficient, helping you:

- Minimize part duplication.
- Foster part standardization and reuse.
- Reduce part count.
- Streamline inventories.
- Improve leverage with vendors.

## JUMPSTART YOUR DATA PROGRAM

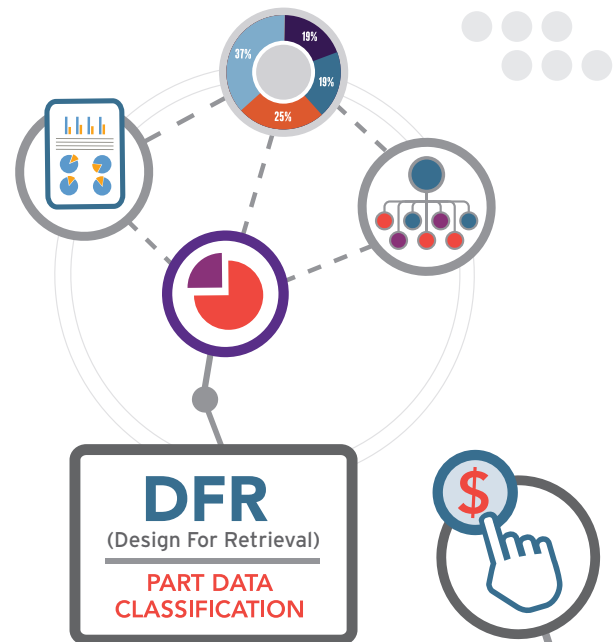
Convergence Data's services include:

- Creating a custom or industry-standard data taxonomy
- Organizing and managing your data factory to extract, classify, cleanse and enrich data
- Defining a data quality process
- Analyzing your data to identify important trends
- Establishing a model for data governance
- Recommending a data integration architecture

### CASE EXAMPLE: PREVENTING PART DUPLICATION

Convergence Data helped an oilfield services client achieve 50% consolidation of part numbers for new acquisitions. Our work included:

- Establishing an enterprise classification program for ERP and PLM data conversions
- Defining a custom taxonomy to classify parts
- Organizing the data factory team to extract, cleanse and enrich part data and assign parts to categories
- Implementing a governance process for new parts and categories
- Analyzing purchased parts and raw materials for duplicates, resulting in the 50% part consolidation



**DFR Data Cleanup – Auto-generate Part Descriptions**

Example Before Cleanup			Description After Auto-generation							
Item Number	Qualifier	Item Description	NEW SHORT DESCRIPTION	HEAD STYLE	THREAD SIZE	THREAD DIA(in)	PITCH	LENGTH(in)	MATERIAL	SPEND SUM \$
NAS1973C10T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 0.96 in, SS, PSV	FLAT, 100°	#10	0.19	32	0.963	CORROSION RESISTANT STEEL	47
NAS1973C11T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 1.03 in, SS, PSV	FLAT, 100°	#10	0.19	32	1.026	CORROSION RESISTANT STEEL	154
NAS1973C18T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 1.46 in, SS, PSV	FLAT, 100°	#10	0.19	32	1.463	CORROSION RESISTANT STEEL	14
NAS1973C19T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 1.53 in, SS, PSV	FLAT, 100°	#10	0.19	32	1.526	CORROSION RESISTANT STEEL	899
NAS1973C1T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 0.40 in, SS, PSV	FLAT, 100°	#10	0.19	32	0.4	CORROSION RESISTANT STEEL	292
NAS1973C20T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 1.59 in, SS, PSV	FLAT, 100°	#10	0.19	32	1.588	CORROSION RESISTANT STEEL	22
NAS1973C21T	Part.0	BOLT	BLT, FL100, #10-32 FINE X 1.65 in, SS, PSV	FLAT, 100°	#10	0.19	32	1.65	CORROSION RESISTANT STEEL	296

### INDUSTRY FOCUS

Our experience spans industries such as these:

- Aerospace and Defense
- Appliance
- Automotive
- Electronics
- Industrial Manufacturing
- Oilfield Services

### GET STARTED TODAY

To learn more about how we can help your company leverage the power of your part data:

- Email us at [sales@convergedata.com](mailto:sales@convergedata.com).
- Call us at 603-657-9449 and then press 2.

Convergence Data is headquartered in Rhode Island with regional locations in California, Florida, Illinois and New Hampshire.

### WANT TO FIND OUT IF YOU'RE PAYING TOO MUCH FOR PARTS?

Ask about a free, no-obligation Data Value Analysis from Convergence Data.

