FLEXera
Inform IT. Transform IT.™

Create consistent and clean IT asset data

With Normalize, you can:

- Achieve data alignment across various parts of the organization

- Gain accurate visibility into their deployments

- Understand their purchased entitlements

- Eliminate the manual effort of reconciling purchased records to installed products

- Gain comprehensive product details for better decision-making

At a glance

Normalize helps you resolve quality issues in your technology data. Leveraging Technopedia, the world's largest resource for hardware and software asset information, raw data from a multitude of sources is aggregated and normalized to create a single version of correct and reliable info. Data is enriched with market intelligence to be clean and relevant to drive better decisions.

Discover how Normalize can transform your IT data

Technology initiatives such as asset management, service management, enterprise architecture and data center transformation need to start with high-quality asset data to be successful. But this data often comes from multiple sources, such as discovery solutions like BMC Atrium Discovery and Dependency Mapping (ADDM), Hewlett-Packard Enterprise Discovery and Dependency Mapping Inventory or ServiceNow® Discovery; configuration management tools such as Microsoft System Center Configuration Manager (SCCM); and procurement systems such as SAP, Oracle or Ariba—each with its own nomenclature.

The resulting inconsistencies in vendor and product names mean a specific product might be found multiple different ways in multiple different systems. And every new release, merger or acquisition makes the available data more outdated. Tech data often lacks the market and product information needed for fully informed decision-making.
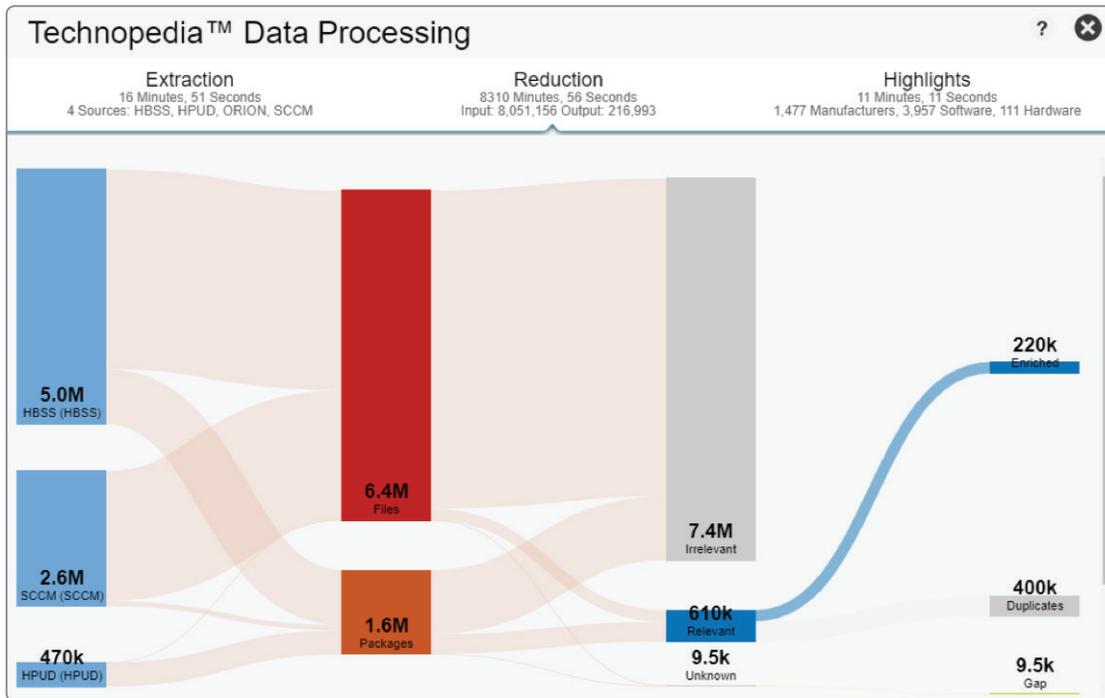
Normalize, available for Flexera's Data Platform solution, overcomes the data-quality challenge by aggregating and reconciling data from multiple sources, including discovery and client management solutions and procurement systems. It maps raw data from various sources to a common identity using Technopedia, the most trusted and comprehensive hardware and software asset information source. It further enriches this normalized data with more market intelligence—providing clean, accurate and complete data for various technology initiatives.

How Normalize delivers the data your operation demands

Normalize ensures product, technical and financial data about assets from a wide array of sources conforms to a common identity.

This dynamic solution:

- Includes standard extractors for eight popular data sources out of the box, including Microsoft SCCM, ServiceNow Discovery, SolarWinds Orion, Jamf Casper, Hewlett-Packard Enterprise Universal Discovery, IBM Bigfix Inventory, BMC ADDM and Tanium

- Can be configured to ingest data from virtually any other data source and has been **integrated with more than 40** other data sources

- Leverages Technopedia, it uses patented rule-based mapping to deterministically map data to a common identity and categorize it based on vendor name, product name, product version and other relevant criteria

- Aggregates and de-duplicates this normalized data to resolve conflicts and other data quality issues

- Eliminates the manual effort of reconciling purchase order titles to installed products

- Enriches the data with additional market information, including end-of-life dates, license options, hardware dimensions, temperature ratings and more

- Keeps the data current with daily updates, dimensions, temperature ratings and more

Technopedia™ Data Processing

Extraction — 16 Minutes, 51 Seconds — 4 Sources: HBSS, HPUD, ORION, SCCM

Reduction — 8310 Minutes, 56 Seconds — Input: 8,051,156 Output: 216,993

Highlights — 11 Minutes, 11 Seconds — 1,477 Manufacturers, 3,957 Software, 111 Hardware

5.0M HBSS (HBSS)
2.6M SCCM (SCCM)
470k HPUD (HPUD)
6.4M Files
1.6M Packages
7.4M Irrelevant
610k Relevant
9.5k Unknown
220k Enriched
400k Duplicates
9.5k Gap

Normalize supplies impeccable data about your IT environment that aligns across your organization to support effective decision-making, control risk and manage costs. Data from Normalize provides the foundation for a wide variety of initiatives that span multiple teams, including data center transformation, application rationalization, vendor contract management, license management, IT finance management and vendor audits.

Normalize's unique features

- Extract and normalizes data from multiple data sources

- **Prioritize sources** based on user-defined policy

- De-duplicate installation data using an ordering version to **avoid double counting**

- Categorize data deterministically as either known or irrelevant using patented rule-based mapping and Technopedia

- Receive more than **4,500 daily updates**

- Group any unknowns within pre-defined service-level agreements using a **unique and comprehensive gap-fill process**

- Differentiate between suite and standalone installations

- **Make data readily available and consumable** via the publish interface

- Create a private catalog for internal applications

NEXT STEPS

Gain insight into your technology environment with Data Platform

DISCOVER HOW