Enterprise e-Support, Inc.

Nishkarsh Enterprise Information Management

Data Assets Catalog v1.1.0

Product Datasheet

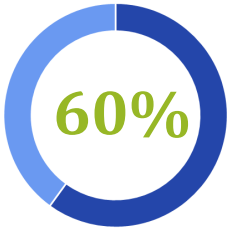
Enterprise e-Support, Inc.

Mission Driven, Technology Enabled Solutions

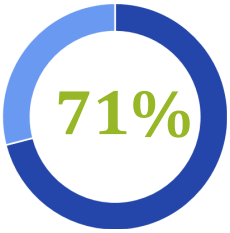
SBA 8(a) Certified, GSA IT Schedule 70, Contract #: 47QTCA18D00KL, GSA 8(a) STARS III, Contract #: 47QTCB22D0150

Nishkarsh[4] EIM Data Assets Catalog v1.1.0

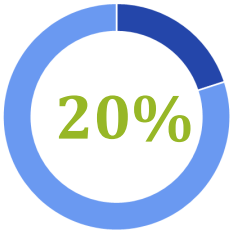
Context | Discover | Share



of CEOs do not trust their data[1]



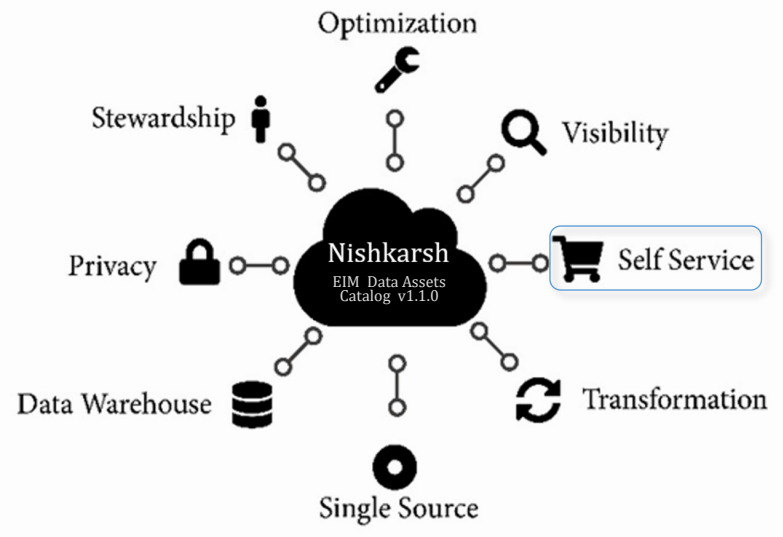
Worry about reputational risk[2]



Time spent looking for data[3]

To be successful in a dynamic world of business, organizations need constant visibility of data for decision making and control over its IT systems. Discovery and use of data in a timely manner for decision making is a major challenge faced by many organizations. Organizations need OnDemand capability to unlock and distribute data. The ability to democratize data within organizations at all levels provides a valuable competitive advantage. Access to data and making it available in self-service manner requires building data context, lineages into data and dictionaries to understand data elements.

The Nishkarsh Enterprise Information Management (EIM) Data Assets Catalog tool offers a simple GUI driven interface to its customers which aids in classifying and managing their data assets. The tool focuses on creating a standards-based hierarchical classification for your metadata, which then allows you to create a line of sight into your data assets. This lineage can then be leveraged through tool to facilitate self-service and select sections of data that you need for decision making. Additionally, the tool also provides features to import/export your current



Features:

- Classification of Data
- Mapping of Data Assets
- Data Self-Service
- Data Dictionary
- Scalable Deployments
- Flexible API
- Permissions Management
- Reporting
- Search
- Visualizations
- Data Assets Collectors
- Import/Export & Impact Reports

Benefits:

- Optimization
- Visibility
- Self-Service
- Transformation
- Single Source
- Data Warehousing
- Privacy
- Stewardship
- Build IT Portfolio
- Records Management
- NIEM Standardization

[1]KPMG 2017 Global CEO Outlook

[2]KPMG Market Research

[3]CrowdFlower 2016 Data Science Report (Figure Eight Inc.)

[4]Nishkarsh—The Result

Features:

Classification of Data

Create a customized hierarchical classification for your data. With the ability to organize your data into and create links across subject areas, you can create a clear line of sight into your data. This line of sight not only helps you find the right data once the need arises but also establish a context that can help study the impact of data assets and how they relate to the company's mission.

Mapping of Data Assets

Map your data assets to your established classification to take full advantage of the provided line of sight. The ability to effectively manage your metadata means you will never have to wonder about accessing the most recent version of your data .

Self Service

The ability to get an insight into your connected data assets can be leveraged to select sub-sections of your data so that you can create the dataset that you require to find the right data to support your decisions.

Data Dictionary

Attaching custom descriptors to your existing metadata helps reconcile business definitions with existing definitions for your data giving both mission and technical users the ability to look at a piece of data and understand how it relates to existing business vocabulary to eventually align with the mission and enable self-service. Additionally, the tool also offers the ability to leverage NIEM for standardized Data Dictionaries out of the box.

Scalable Deployment

The EIM tool is built for the cloud and gives you the ability to run a scalable instance for the application so that you never have to worry about the ability to respond to high priority situations. Deployments can scale elastically to respond to workload giving you enhancing performance during peak load times and saving on cloud costs during low use times.

Flexible API

Being built on standardized web technologies mean that any work you do in the tool is easy to share and easy to integrate with your existing systems. The tool utilizes RESTful API endpoints that can be used for integration with the systems currently in place and gives the tool both extensibility and flexibility.

Permissions Management

A built-in group-based permissions management system means that you can control who has access to view or modify what data across the enterprise, allowing you to meet your privacy and security requirements, while still presenting people with the access that they need to make decisions and fulfill the duties for their roles.

Reporting

Use the classification and data present in the application to produce standardized exportable reports from within the application. The tool also offers the ability to export your selected data in a csv file for use within your preferred application for report generation.

Search

Use the semantic search features present within the application to find the right data assets for your use and use the context and line of sight tools to explore those data assets and understand where your data comes from and is used.

Visualization

The application comes with visualization features that help you get an overview of the classification that has been created and see the relationships within the classification to better understand data flow and data use within your organization.

Data Assets Collectors

Built in collectors can be configured to collect metadata into the tool in a cumulative and incremental manner via diffing mechanisms

Import/Export & Impact Reports

The tool also contains features that help you import an existing classification, data assets or mapping information into the application using csv files. There are also viewable impact reports for changes in data assets or classification for actions that may have widespread impact (such as deleting adding to parts of the classification) that help you plan and review proposed changes.

Benefits

Optimization

Metadata management tools within the application quickly identify redundant and stale data. Additionally, having a history of the shape and context of the queries run on the datasets present in the enterprise mean that you have powerful tools at your disposal to optimize your data environment to best serve your mission with the least amount of wasted resources.

Visibility

Context built around data and a line of sight into data means that it is easy to find and understand any peace of data to quickly identify where it came from, what it is, and where it can be used. Architectural visibility can be instrumental in facilitating a change within your organization.

Self Service

A powerful search and sub-selection feature empower users to be able to create the data set that they require to decide without having to spend a large amount of time hunting down relevant data, also making collaboration simple by allowing for common vocabularies.

Transformation

Fully understanding the context around your data and exploring the relationships between different data assets can provide an enterprise with the power to transform and utilize their data in new and creative ways.

Single Source

The ability to identify and collect similar datasets and remove redundancies can be utilized to make sure that there is always a single source for your data and a single version of truth. This cuts down on the time spent reconciling different versions of datasets and costs incurred from accidentally using stale data.

Data Warehousing

Traditionally, a data warehouse will integrate data from a variety of heterogeneous sources to support analytics and decision making. The expansion of a data warehouse will require context and lineage into siloed data elements to unlock data, store it in the data warehouse and garner necessary insights via BI tools.

Privacy

Utilizing the permissions system to control the flow of data within the organization can help you meet your privacy needs and keep track of where the sensitive information lies within the data structure for your organization. This helps create accountability for data access and a secure environment that can be trusted by clients.

Stewardship

The ability to relate business processes to data assets means that different parts of the organization can fully take ownership of their data, taking responsibility for the data assets that most directly relate to their mission. This can help set up a clear separation of concerns across the enterprise and a visible channel to go through should anyone outside the department require access to the data.

Build IT Portfolio

Organize you IT Portfolio around data. Custom paradigms can be added to Data Assets Catalog. Refer to Nishkarsh EIM Portfolio Catalog datasheet for more information on how to manage and add paradigm data.

Records and Information Management

Records serve as evidence of an event. It is therefore required to manage the lifecycle of records by identifying, classifying, storing, destructing, or permanently preserving them. The product offers robust self-service and classification capabilities to identify and classify records and track their management throughout the lifecycle.

NIEM Standardization

The National Information Exchange Model (NIEM) is a standardized data dictionary that can be used to provide a common ground for data exchanges. The product offers NIEM dictionary built into it out of the box that can be searched through. The product also comes with the capabilities of mapping between the data assets and the NIEM model.

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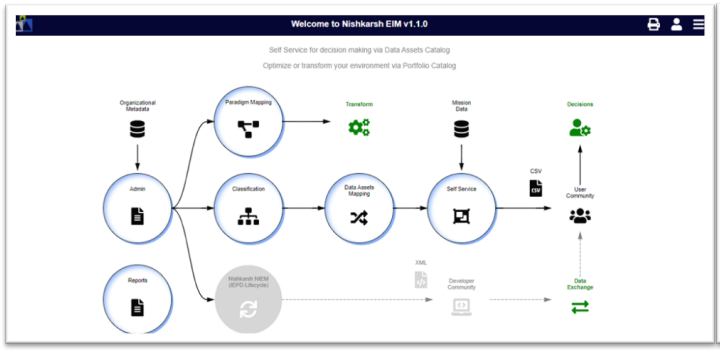
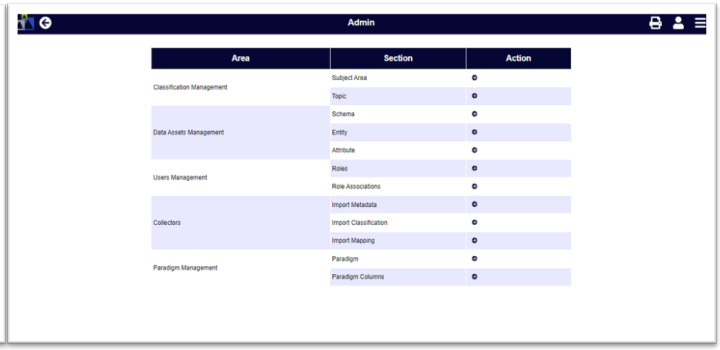
Sample Screenshots:

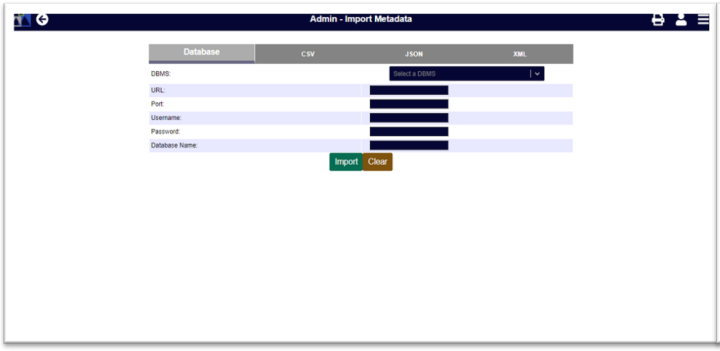
Main Menu



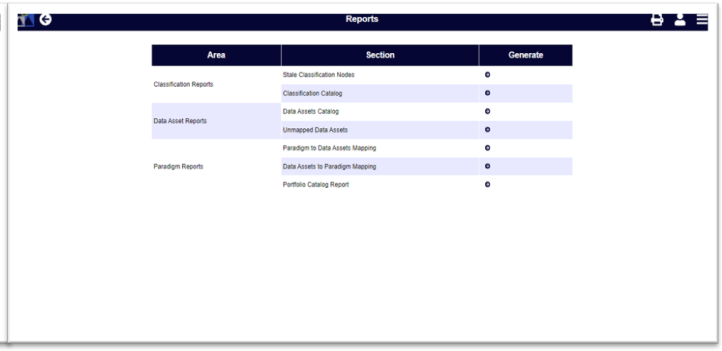
Administration



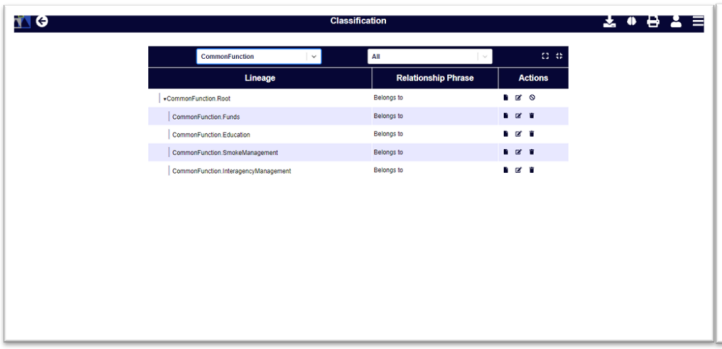
Data Assets Collectors



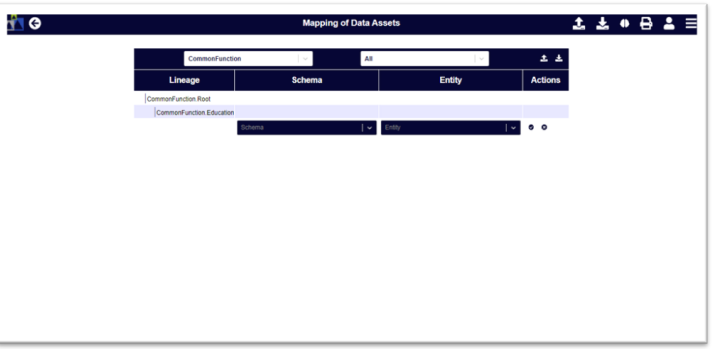
Reports



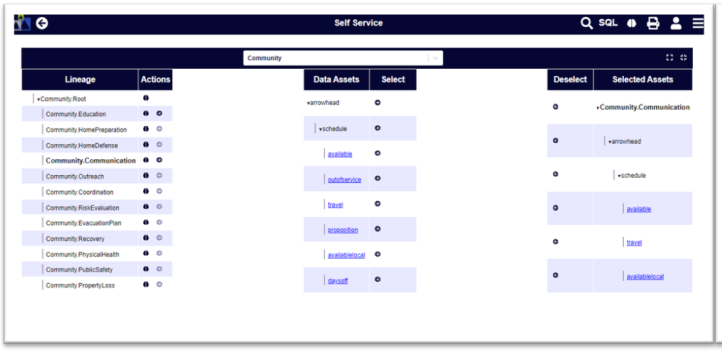
Classification of Data



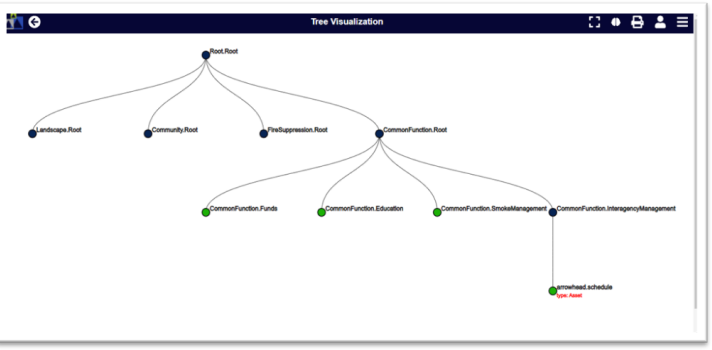
Mapping of Data Assets



Self Service



Visualization



Enterprise e-Support, Inc.

Nishkarsh Family of Products

Sr #	EeS Data Products	Capability Offered	Self Service for Decisions	Mind map IT for Transformation	Data Exchange Services	Request Datasheet	
						Detailed	Summary
1	**Nishkarsh EIM - Data Assets Catalog**	**Self Service: Visibility of data assets**	**Users, Data Governance**			**x**	**x**
		Self Service: Understanding of data assets	**Users, Data Governance**				
		Self Service: Query data	**Users, Data Governance**				
2	Nishkarsh EIM - Portfolio Catalog	Mind map: Impact Study		IT Management, IT Governance		x	x
3	Nishkarsh NIEM - Data Exchange	Data Exchange: Use of NIEM Common vocabulary			Developer, App Users	x	x

Download datasheets and/or request information at https://enterpriseesupport.com/products/