



# Enterprise e-Support, Inc.

Mission Driven, Technology Enabled Solutions

SBA 8(a) EDWOSB, VA SWaM

GSA IT Schedule70: 47QTCA18D00KL

DUNS Number: 800751112

## Nishkarsh Data Governance and Data Sharing Products

### Executive Summary:

The MIT Sloan Management Review report from September 2018 predicts 58 percent of all organizations foresee modifications to their business models due to AI within the next 5 years. The future revolves around AI assisted technologies, yet successful algorithms must be trained on massive amounts of data that are often hard to find and disorganized. Even data necessary for traditional BI or data analysis is tough to discover.

To unlock the future potential of AI, users must first find and organize their data into a data assets catalog. Nishkarsh<sup>1</sup> Enterprise Information Management (EIM) tool helps users do this. We offer a simple interface to aid customers in organizing and managing their data assets by creating a standard-based hierarchical classification for their metadata. This provides lineage into the user's data that allows them to perform data analysis and unlock novel insights they may not have seen before, all in a self-service manner. Furthermore, the EIM tool optimizes a user's data environment, helps consolidate data, and redefines data stewardship boundaries. This newfound visibility and control of data helps organizations make accurate decisions on time.

When shared across organizational boundaries, data may lose its meaning due to the lack of a common data vocabulary across organizations. The National Information Exchange Model (NIEM) is a common vocabulary that enables efficient information exchange across diverse public and private organizations. NIEM is already being used at several agencies such as the Department of Defense and Department of Homeland Security to exchange data with partners. Nishkarsh NIEM tool helps organizations add the NIEM common vocabulary to their data elements before sending it out to their partners, facilitating proper data understanding across organizations. Nishkarsh NIEM tool has already been vetted by the NIEM program and is listed on the NIEM.gov tools catalog.



# Enterprise e-Support, Inc.

Mission Driven, Technology Enabled Solutions

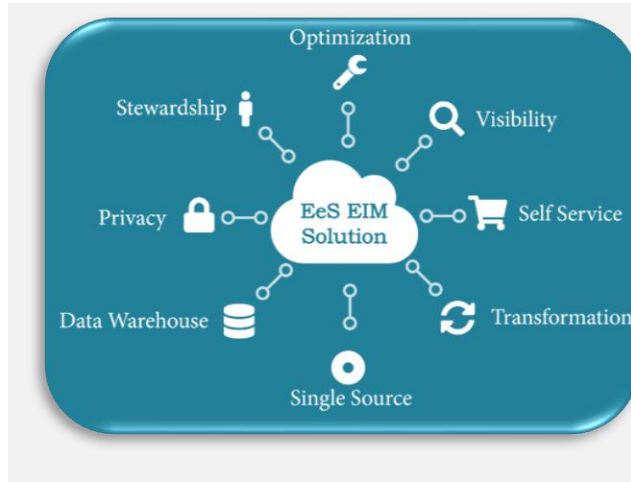
SBA 8(a) EDWOSB, VA SWaM

GSA IT Schedule70: 47QTCA18D00KL

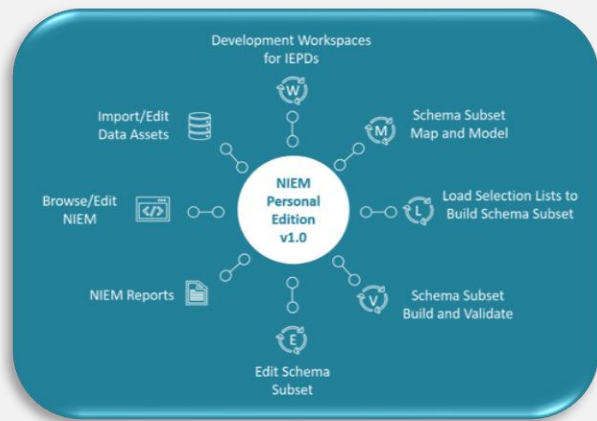
DUNS Number: 800751112

## Nishkarsh Data Products – Summary Sheet<sup>2</sup>

### Nishkarsh EIM v 1.0



### Nishkarsh NIEM PE v 1.1



#### Benefits

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

#### Features

- Classification of Data
- Data Assets Connection
- Data Dictionary
- Permissions Management
- Reporting
- Search
- Visualization
- Data Collectors
- Import/Export
- Impact Reports

#### Benefits

- Standard Vocabulary
- Common Context
- Persistent Mapping
- Machine-readable Data
- Validate Schema Subset
- End-to-end Support
- Platform Agnostic (Windows, Linux, MacOS)
- Out-of-the-box Start
- Low-cost Desktop Edition

#### Features

- Preloaded NIEM
- Search/Edit NIEM
- Import Data Assets
- Browse Data Assets
- Map Assets Using NIEM
- Workspace for IEPDs
- Full IEPD Lifecycle
- NIEM Conformance
- Reporting
- Built-in XML Editor

<sup>1</sup>Nishkarsh: The Results

<sup>2</sup>Please refer to Nishkarsh datasheets for detailed information on each product.