



National Institutes of Health



inode ink Corporation (INODE) is an innovative Woman-Owned Small Business (WOSB) that provides IT Technical and Professional Services in infrastructure, systems engineering, data science, and emerging technologies for Federal agencies and commercial partners. A certified Partner of Nutanix, VMware, NetApp & UiPath, INODE has been a trusted partner of the NIH for over a decade.

Within our Health IT work, INODE is focused on providing clinical and scientific research communities with the tools and support necessary to facilitate medical research and breakthroughs. We modernize legacy systems, decrease administrative burden, and provide innovation and agility in system designs to support the technology of tomorrow.

Customer Satisfaction is Our #1 Priority

INODE does a great job and the team is appreciative of what they do and their honesty on best solutions for the environment. Trust is never an issue. - Federal Customer

INODE ENGINEERS

Consistently aim for perfection and are always on the lookout for ways to improve our customers day-to-day lives, for both stakeholders and end-users.

Company Overview

CAGE: 5GZN7
UEI: JEAKKN4EM9X8

CONTRACT VEHICLES:
CIO-SP3 SB, GSA MAS, GSA 8(A) STARS III

NAICS:
333415, 334220, 335311, 423430, 511210, 541330, 541511, 541512, 541519, 541690, 541990



Examples of Customer Success

EXTRAMURAL DIGITAL PATHOLOGY REPOSITORY SYSTEM

NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

INODE facilitated rapid acquisition and study of pathological and histological samples utilizing metadata embedded within medical imagery files in support of collaborative research efforts. We procured, installed, configured and deployed HALO Link software, establishing a schema-based repository of critical program data integrated with NIDDK's IaaS, created a data linkage to the HALO repository at the National Cancer Institute (NCI), and consolidated and migrated data from three separate legacy repositories to the modernized one.

- Allows for cross-communication between Institutes and Centers through fully integrating with existing systems
- Application Programming Interface (API) functionality allows clinical researchers from various agencies and healthcare systems to integrate data
- Allows users to harmonize, catalog, organize, process, and integrate all metadata associated with molecular and histopathological data sets at full scale
- Enables search capability within clinical research datasets and whole slide images (WSI)
- Supports standardization of diagnostic criteria across clinical sites, allowing investigation/automated "mining" of digital assets for discovery of unique visual features correlating with disease

MOONSHOT CANCER BIOBANK PROJECT - ECONSENT

NIH National Cancer Institute (NCI)

INODE created a customized consent-gathering tool and medical analytics platform that has been deployed to 120 sites worldwide and is being utilized by thousands of patients.

- Automated the clinical administrative consent-gathering process, reducing data latency, increasing accuracy, and improving compliance
- Data is now available in near real-time to clinical staff and researchers, enabling rapid analysis, improving data exchange and dramatically improving turnaround time for patients
- Digital engagement for all learning styles, ensuring full patient understanding
- Solution expanded to include custom videos, enhanced reader view, single-click signature capability, and multiple language choices to increase ease of patient use
- Solution continues to evolve in response to high customer collaboration and trust

Infrastructure as a Service (IaaS) Integration

NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

To further enhance and expand the existing Hyperconverged Infrastructure (HCI) environment at NIDDK originally engineered and deployed by INODE, a tech refresh from design through install, configuration, and integration, with Subject Matter Expert (SME) support was completed. This consisted of consolidating the environment to an all-Nutanix solution with solid state server and replication technology.

- Refresh resulted in approximately a 40% cost savings for the customer
- Migration of approximately 230 virtual machines at zero downtime
- Maintained the automated continuity of operations (COOP) / failover capability designed in the original HCI deployment, where failover outage time was reduced from 3+ hours to less than 45 minutes