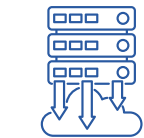# INODEINK

Modern, Resilient, Infrastructure Solutions
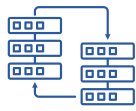### *Design Through Sustainment*

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.

INFRASTRUCTURE SERVICES INCLUDE:

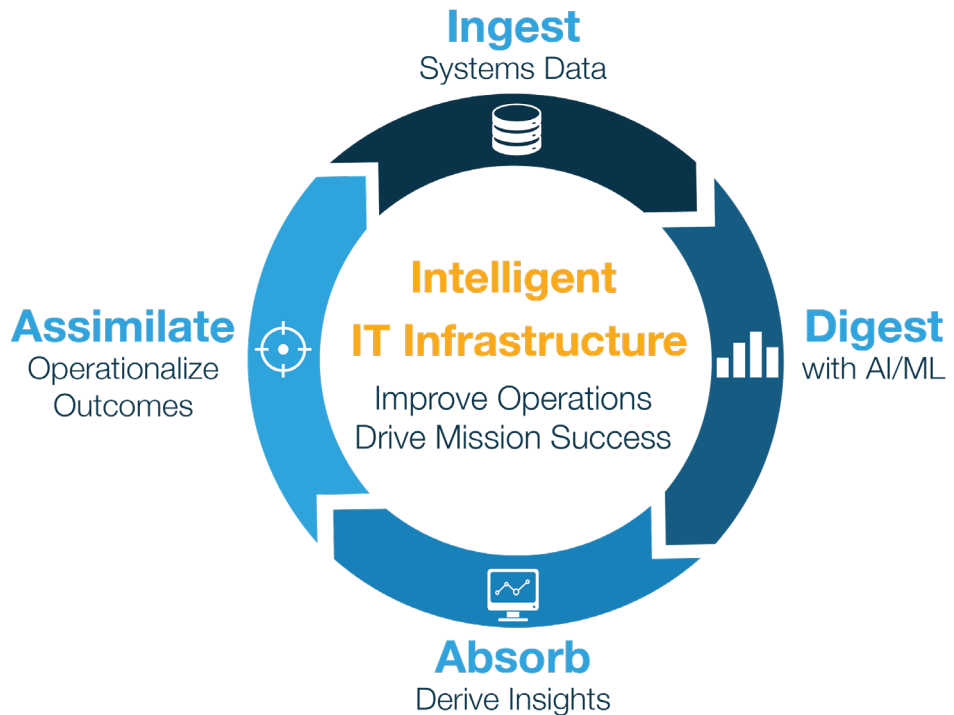| Data Centers & Storage	Continuity of Operations	Systems & Networks	Data & Network Security	Cloud & Virtualization	Software & Hardware	End-User Services

THE PROCESS

INODE's culture of innovation allows us to work from both sides of IT infrastructure: we optimize infrastructure itself through use of data and utilize data output to support and optimize decision-making. This enables our customers to move beyond situational awareness and uncover actionable steps for improvement.

Ingest
Systems Data

Digest
with AI/ML

Absorb
Derive Insights

Assimilate
Operationalize
Outcomes

Intelligent IT Infrastructure
Improve Operations
Drive Mission Success

CUSTOMER BENEFITS

Evolve IT infrastructure to support mission success

Simplify, modernize, and automate existing systems and processes

Rapidly improve functional efficiency

Enable effective and efficient data

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Examples of Customer Success

CYBER SUPPORT SERVICES 2
United States Air Force (USAF)

INODE provides end-to-end Infrastructure as a Service (IaaS) capabilities including storage, virtualization, and data protection for several USAF systems. Our team has integrated various vendor technologies through architecting, designing, and fielding at both CONUS & OCONUS sites.

- Delivered highly functional, scalable, hardware-agnostic, enterprise-wide IaaS solution
- All testing and integration for hardware buys and upgrades accomplished at zero additional cost to customer
- Storage upgrades completed two months ahead of schedule
- Migrated systems to newly integrated infrastructure with zero downtime

VIRTUAL DESKTOP INFRASTRUCTURE (VDI)
Federal Bureau of Investigation (FBI)

The Nutanix HCI hosting the Federal Bureau of Investigation's (FBI) VMware's Virtual Desktop Infrastructure (VDI) had not been properly maintained and required various upgrades as well as software configuration modifications in order to best support field office operations.

- Migrated 400+ TB of data to a new data center
- Zero downtime for users over a 12-week reconfiguration and migration with 100% risk resolution
- Increased data protection, scalability, stability, and performance of the environment
- Added additional capabilities within the VDI for end-user benefit

HYPERCONVERGED / CONTINUOUS OPERATIONS
National Institute of Diabetes and Digestive and Kidney Diseases (NIH-NIDDK)

INODE engineered and deployed a Metro Availability capable data center and developed software to automate failover/failback abilities to ensure continuous operations. We upgraded the VDI environment to scale for 500 users, and have maintained a trusted advisory role for 11 years.

- Reduced failover outage time from 3+ hours to less than 45 minutes
- Built software program that automated failover task to single command
- Designed and provided proof of concept for Nutanix Hyperconverged environment with Metro Availability
- Automated continuity of operations / failover capability between two sites
- Planned migration path for cloud adoption

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