Core infrastructure management

Offering overview

Laying a solid foundation of core system and process modernization to drive the transformation of the large enterprise.

A broad offering that spans from networking to data center consolidation to hybrid cloud implementations to "cloud-smart" strategy and planning to containerization platforms, with DevOps automation, infrastructure automation and security rounding out the digital agenda.

Challenges for the Large Enterprise

Create a Flexible Enterprise IT Platform

Increasing agility and process velocity are imperatives while at the same time creating modern digital experiences for customers.
Existing technical architectures have been in place, running the business reliably and securely, for decades. But they do not enable the business to fully realize their digital vision. In most cases, it is impossible to simply write IT investments off the balance sheet. So, CIOs need to find a way to make their IT architectures meet current market needs.

Modernize Technology
Modernize supporting infrastructure and provide a roadmap for bringing it into the cloud.

Reimagine Processes
Processes are what transform resources into powerful experiences.

Transform Experiences
Experiences determine a company's relevance. They change minds, behaviors, lives.

Cloud Smart/Cloud Ready/Cloud Like?

A comprehensive move to public cloud is not always possible on a rapid timeframe. But large enterprises need to make their IT infrastructure and processes cloud-ready today so they can benefit fully tomorrow.

Large enterprises often struggle to extract value from the investments and technologies they have made in existing systems. Technology leaders face the boardroom pressure to reap digital benefits, but they can't just turn off mission-critical systems overnight.

Modernize and Optimize the Heritage IT Environment

Large enterprises are struggling to find the right balance – decommissioning and consolidating data centers where that makes sense, employing automation where possible and carving off workloads that are ready for public or hybrid cloud.

Organizations need IT infrastructure that has the agility and scale to adapt to changing needs, provide resilience and create opportunities to improve sustainability and green initiatives. Providing a secure and reliable platform for a hybrid or pure cloud strategy positions the large enterprise to adopt new operating models and ways of serving customers.

Cognizant Core Infrastructure Management

Core Infrastructure Management includes a number of key solutions, capabilities, IP and partner technologies to address end-to-end IT operations but also recognizes that large-enterprise clients have mixed demands in terms of the ITO scope they wish to outsource vs. manage internally within their retained IT organizations. Our Core Infrastructure Management solutions are based on modular building blocks of managing Compute, Storage, Networks, Data Protection, Security, Service assurance, Reporting and Service management.

Hybrid Cloud Platforms

The latest modern solutions for on-premise and hybrid deployments.

Smart Operations

Our managed service solution aims to take away the pain of maintaining infrastructure as well as enabling clients to access our best-in-class services, process modernization, automation and other proven capabilities.

Automation and Portability

We help the large enterprise step into the modern world with DevOps, self-service provisioning, "cloud-like" capabilities, and containerization to promote future cloud portability.

Our Core Infrastructure Management portfolio offering includes:

Hybrid Infrastructure Management

Intelligent Automation

Global Delivery/Remote Infrastructure Management

Cloud Migration

Data Center Transformation

IoT Managed Services/Edge computing

Enterprise Service Management (ESM) e.g. ITSM/ITAM

Service Integration and Management (SIAM)

DevOps Automation

Infrastructure Automation

Security Services

Digital Workplace Services

Data protection

Operational resilience

Where we've made an impact

Large energy/utility

Delivered transformation and operations support for 300-plus applications and services in Microsoft Azure.

- Delivered hybrid cloud environments (private, Azure and AWS).
- Modernized more than 180 applications in two years.
- Improved SLAs to deliver environments -50-plus self-service catalog at an average TCO reduction of 35%.
- Cloud adoption of systems of innovation and differentiation.

Global industrial service provider

Consolidated 28 datacenters down to four, resulting in major cost savings.

- DC consolidation and migration to hybrid cloud IaaS model. Built VDI backend infrastructure..
- GRC automation and GDPR assessment.
- Global security solution addressing the complete IT ecosystem: Infrastructure, Applications, Data and Users.
- Integrated ITSM tools platform with service management to meet business RTO and RPO objectives.

Global mass media, publishing and entertainment industry client

Consolidated 30 data centers across U.S., Canada and U.K. locations.

- Discovery of data on datacenters supporting 15 business units across nine locations.
- Cloud assessment and migration feasibility for 500+ applications using Cognizant's cloud suitability assessment tool.
- Reduced in-house data center footprint by the planned migration of 40% of the applications to public cloud in the first phase. Followed by associated infrastructure decommissioning.

Why Cognizant

Cognizant has a proven track record transforming core infrastructure for large enterprises across industries for more than 25 years. As a trusted partner, we help you define your strategic IT modernization vision by leveraging our best-in-class Cognizant methodology and framework. As a customer-centric partner to some of the world's largest companies, we have provided secure and reliable, proven IT infrastructure for Fortune 2,000 companies for nearly three decades. Our partner ecosystem is unparalleled, and we offer unmatched domain, business process and application expertise.

Set up a briefing session to learn how Cognizant can partner with you for Core Infrastructure Management.

Visit **www.cognizant.com** to find out more

cognizant®