## Tata Projects at a glance

Tata Projects is a leading infrastructure company in India, renowned for its commitment to quality and innovation. Tata Projects is recognized for its cutting-edge technology and sustainable solutions, contributing significantly to the nation's development.

Industry: IT

**Core Business: Infrastructure Development** 

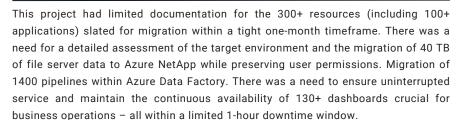
No of Employees: 10000+

Geography: India

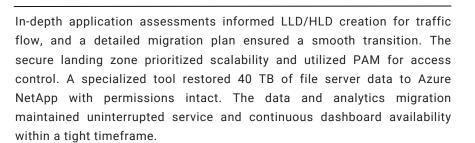
# Key Highlights

- Migrated 300+ resources (100+ applications) within one month with minimal downtime.
- Successfully migrated over 1400 Data
  Factory pipelines in under an hour, ensuring uninterrupted data processing.
- Achieved rapid replication of Unity catalog data in 20 minutes, expediting Azure Databricks environment restoration.
- Implemented Layer 7 and Layer 4 protection with a zero-trust security approach for each application.
- Restored 40+ TB file server data to Azure NetApp with permissions intact.

### **CHALLENGES**



### SOLUTION



Service Type	Source On-Premises	Target Azure
Compute Service	Hyper-V, VMware & Physical	Azure virtual Machine
Fileshare	Windows Fileshare, NAS - Storage Solutions	Azure NetApp
Firewall	Palo Alto	Active-Active Palo Alto firewall
Load Balancer	Windows NLB	Azure Load balancer
WAF		Azure WAF
PAM Services	PAM	ARCON PAM
SIEM Tool	PICO	PICO
		ExpressRoute Circuit & IPsec
Hybrid Connection		Tunnel

#### **OUTCOME**





G7 CR Technologies



www.g7cr.com



Bangalore, India

The cloud migration project successfully transitioned 300+ resources with minimal disruption. Detailed planning and secure access controls ensured a smooth move, while specialized tools efficiently handled the 40 TB data migration, maintaining uninterrupted service and dashboard access.