



Start your digital transformation journey today, to build an agile IT environment from colocation to cloud, with the security you need and control you want.

# PARTNERING FOR DIGITAL TRANSFORMATION

We're living in an age of rapid digital transformation, with new technologies changing the way enterprises do business on a daily basis. As the pace of change continues to accelerate, you need a partner with the infrastructure to support manageable growth – and the tools to drive it.

Tata Communications' global suite of cloud and hosting solutions provides you with the flexibility, scalability and security to help you thrive in this fast-changing marketplace. As enterprises vie to stay one-step ahead of the competition by combining both traditional and agile IT infrastructures, we offer the stability, efficiency and innovation you need to leverage full value from emerging technologies.

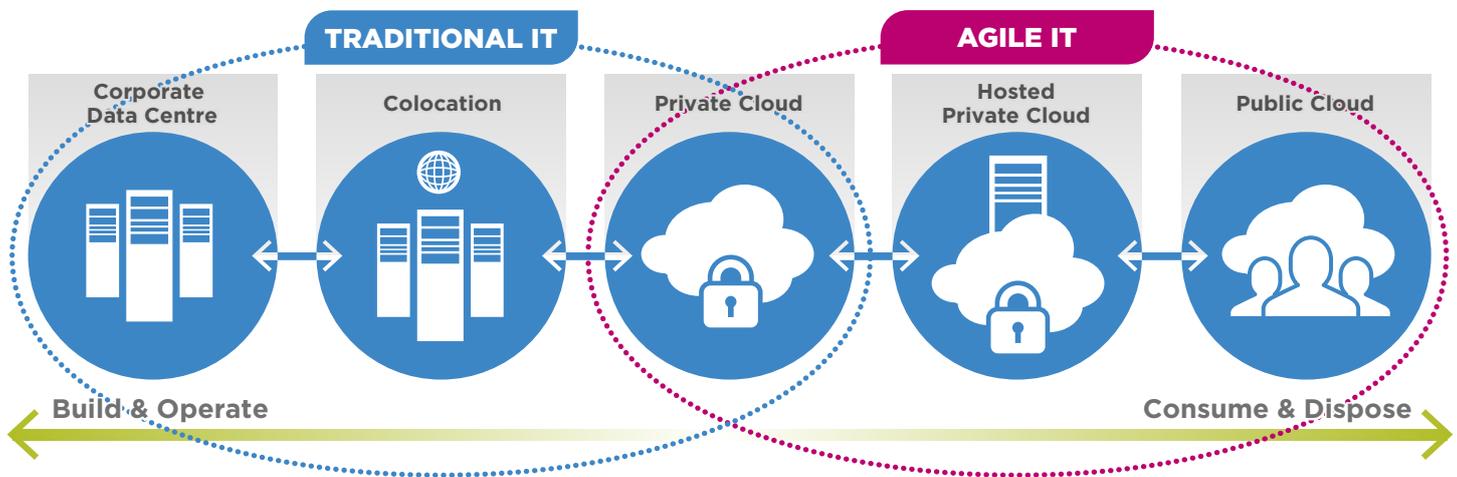
## MEETING DIGITAL DEMAND

The increasing challenge of new digital trends and emerging start-ups is driving IT infrastructure to adapt faster than ever. Traditional computing domains that emphasised reliability and safety must now co-exist with non-sequential domains, to deliver agility and speed.

A single enterprise must operate across both infrastructures – simultaneously and successfully. The question for today's businesses is how to ensure these models complement, rather than compete with each other. The answer is through a trusted technology partner that combines cutting-edge services and time-tested skills – leading the way on the digital transformation journey.

## THIS WAY FOR DIGITAL TRANSFORMATION

Make Tata Communications your first step on the path to digital transformation. Our consolidated approach using OpenStack enables flexibility through agility, and reliability through proven solutions. A complete product suite of cloud, hosting and colocation services provides the backbone for adaptable IT architecture. And a full selection of managed services and security solutions give you the ability to build your agile infrastructure in a way that best suits your business.



Consolidation is the future for enterprise IT architecture – leveraging both traditional and agile models.

“Tata Communications’ OpenStack-based cloud platform supports key enterprise features and facilitates control and manageability. Deepening integration with its existing colocation and managed hosting offerings makes sense as enterprises continue to operate in a hybrid IT environment.... Using a proprietary management framework to work alongside OpenStack is a distinctive strength.”

— **451 RESEARCH, ‘Tata Communications delivers an orchestrated approach with Enterprise Private Cloud’, Agatha Poon**

## MAXIMISE VALUE, FUTURE-PROOF STRATEGY

Leverage value from new technologies and future-proof your digital strategy with a partner that can deliver right across the data service spectrum.

### From cloud to colocation

Tata Communications provides a single solution for end-to-end hosting services. Enjoy peace of mind with our comprehensive suite of products delivering security, scalability and cost efficiency.

- **IZO™ Private Cloud:** a bespoke cloud platform based on OpenStack which provides the advanced automation and orchestration capabilities needed to manage your multiple IT environments effectively. It acts as a 'single pane-of-glass', providing control across your network, compute and storage. With complete, customisable control, you can now create a truly integrated hybrid platform, while maintaining visibility across all of your resources and ensure business continuity by deploying Disaster Recovery environment of your choice
- **IZO™ Cloud Storage:** an integrated solution which is always available, highly durable and fully secure, delivered across multiple global locations. Supported by a dedicated 24/7 team and best-in-class SLAs, IZO™ Cloud Storage is an enterprise-grade storage platform for all your data needs
- **Dedicated managed hosting:** a fully customisable design, support for multiple hardware, operating systems, database and middleware platforms – with an integrated stack of network services. Plus, proactive, 24/7/365 management and monitoring produce best-in-class 99.95% uptime and availability.
- **Colocation:** with 44 data centre locations across four continents – covering 1 million sq. ft. of space – Tata Communications has the global coverage and international expertise you need. Strategic partnerships with trusted colocation providers around the world further our reach and enhance our colocation service suite.

- **Storage and backup:** we offer a secure and scalable storage solution that meets the increasing demands of today's digital age, with shared and dedicated models across SAN-, NAS- and FC/iSCSI-based solutions, and incremental backups and data restoration processes.
- **Middleware management:** application maintenance, monitoring, batch jobs and content pushes, and OS and DB management services are available across all popular applications.

### Integrated security

Ensuring the integrity and security of your data is our top priority, so we're equipped to deal with both traditional and agile IT security needs. We strengthen your security profile – as well as protect your clients' data on any device, anywhere, any time.

Delivering multi-platform support, industry-leading SLAs and 24/7/365 monitoring, Tata Communications' fully compliant Managed Security Portfolio offers the tools to meet ever-more challenging security demands covering:

- **Application and data security:** specifically designed to support organisations that own sensitive data, our end-to-end monitoring and advanced web application firewalls offer the ultimate data protection service.
- **Network and infrastructure security:** our cutting-edge security systems are constantly evolving to address the latest threats to your network. Global SLA backed DDOS detection and mitigation, Advanced Malware Protection and round-the-clock monitoring services protect your business through its digital transformation.
- **User identity and access security:** our fully-automated authentication services operate in a secure cloud environment, making it easy to ensure the right information is accessible to the right people – at the right time.
- **Threat management and analysis:** we have the expertise to effectively analyse the changing security landscape – and the tools to help you tackle it. Our managed SIEM and Vulnerability Management Services provide proactive support to work alongside your business.

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“Tata Communications has built up a respectable MSSP capability with certifications on many vendor products and platforms. They are arguably the leading provider of DDoS mitigation services in Asia, with very large server farm capacity for data scrubbing and SLAs providing less than 30ms throughput delays. They have a comprehensive offering in the area of CPE monitoring and management such as firewall, UTM and IDPS. All major platforms are supported.”

### —CURRENT ANALYSIS, 'Tata Communications Managed Security Services', John Marcus

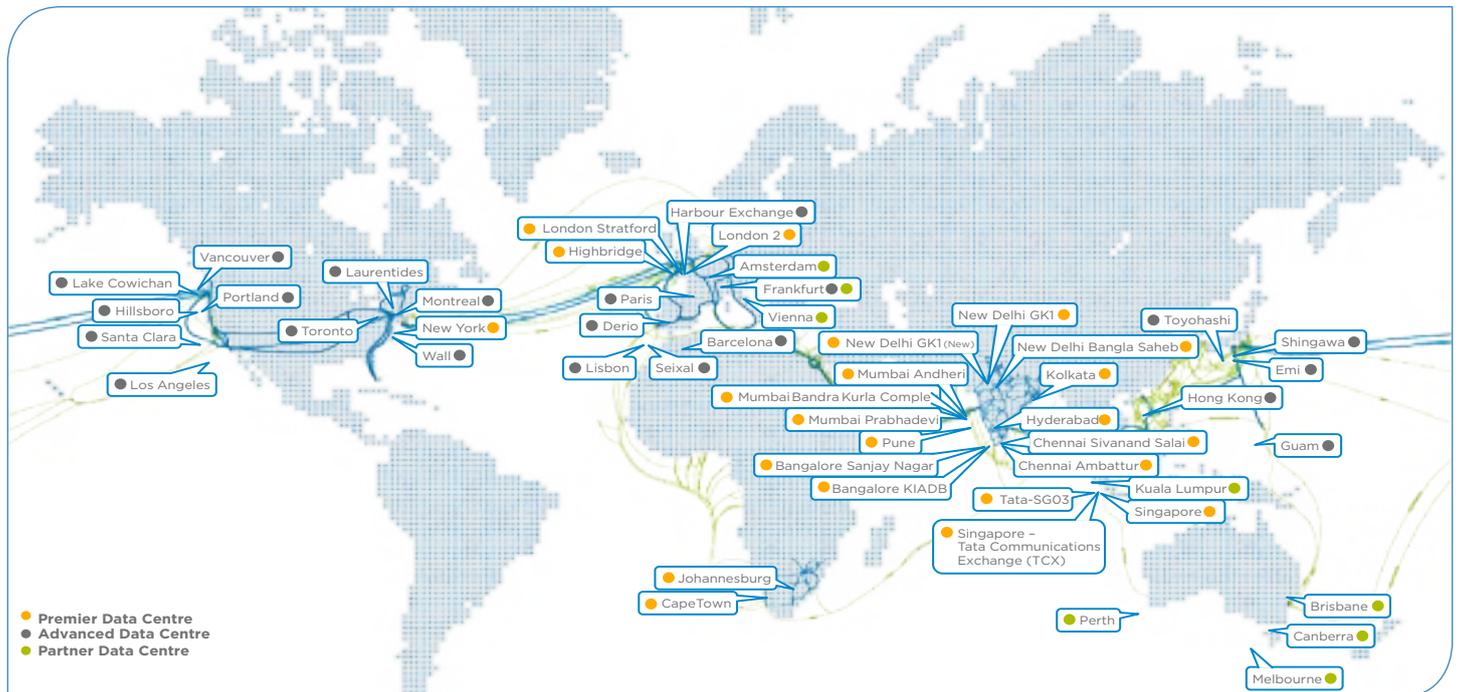
## TATA COMMUNICATIONS - YOUR GLOBAL PARTNER

Tata Communications provides best-in-class delivery and support through our Global Service Management Centre (GSMC). We ensure 24/7/365 proactive monitoring and end-to-end management for your cloud and security infrastructure, using industry-recognised processes aligned to ITIL framework. Skilled professionals, experienced across multiple technologies, support mission critical infrastructure with industry-leading tools and automation platform. Focused on cutting-edge innovation, our collaborative approach ensures we deliver the services you need to meet your digital transformation strategy.

If you're searching for an award-winning partner who can deliver both innovation and dependability on a global scale, we warmly welcome the opportunity to shape the future with you.

### RECENT AWARDS

- Leader in Gartner's Magic Quadrant\* for Network Services; Global, 2015
- Frost & Sullivan Third Party Data Center Service Provider of the Year, Asia Pacific ICT Awards, 2014



To learn more about how Tata Communications' consolidated approach to data centre hosting and cloud services can help your business, please email us at [dc.services@tatacommunications.com](mailto:dc.services@tatacommunications.com) or visit our website [www.tatacommunications.com](http://www.tatacommunications.com)

\* Source: Gartner, Inc. "Magic Quadrant for Global Network Service Providers" by Neil Rickard, Robert F. Mason, 20th March 2014

#### ABOUT THE GARTNER MAGIC QUADRANT

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