

Innovation at NTT Data

Ottawa

November 2019

#nttdoi #nttdata @NTTDATAServices

Your NTT Data Services Presenter



Paul Twigg

National
Technology and
Innovation Leader

Applying cutting-edge
technology to real-world
solutions for two decades.

- Vice-President of Technology at Sierra Systems an NTT Data Company, one of North America's largest IT services companies
- Over 20 years' of IT experience
- Professional focus on innovative business solutions
- Leader in infrastructure and solution architecture design, including cloud technologies and innovative technologies

300,000+

Professionals

\$107B

in annual revenue

88

Countries
& Regions

55th

Fortune
Global 500

Investing
\$3.6B
in R&D

Serves more than
85%
Fortune
Global 100



Title Sponsor
Since 2019

Global Strength of NTT Companies



NTT is one of the largest ICT companies worldwide with 120+ year heritage of innovation. Ranked one of the world's most valuable brands, it is the holding company for all NTT businesses worldwide, including NTT DATA.



Jun Sawada
CEO

120,000+

Professionals

\$20B

in annual revenue

50+

Countries

#9

Most valuable IT services brand



Trusted Global Innovator

NTT DATA

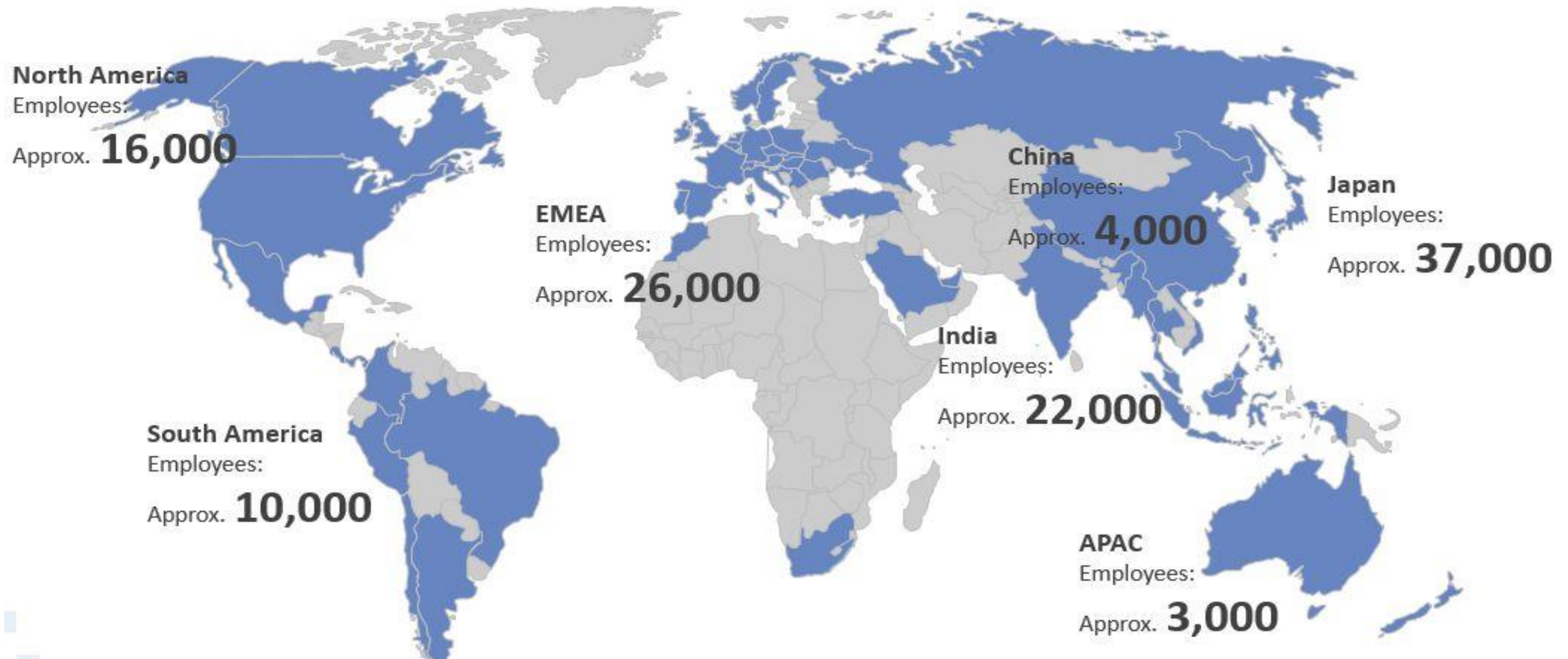
NTT DATA is a top 10 global business and IT services provider with business operations in more than 50 countries and regions. The parent of NTT DATA Services, the business was established in 1967 as the IT services arm of NTT, and became a public company in 1995.



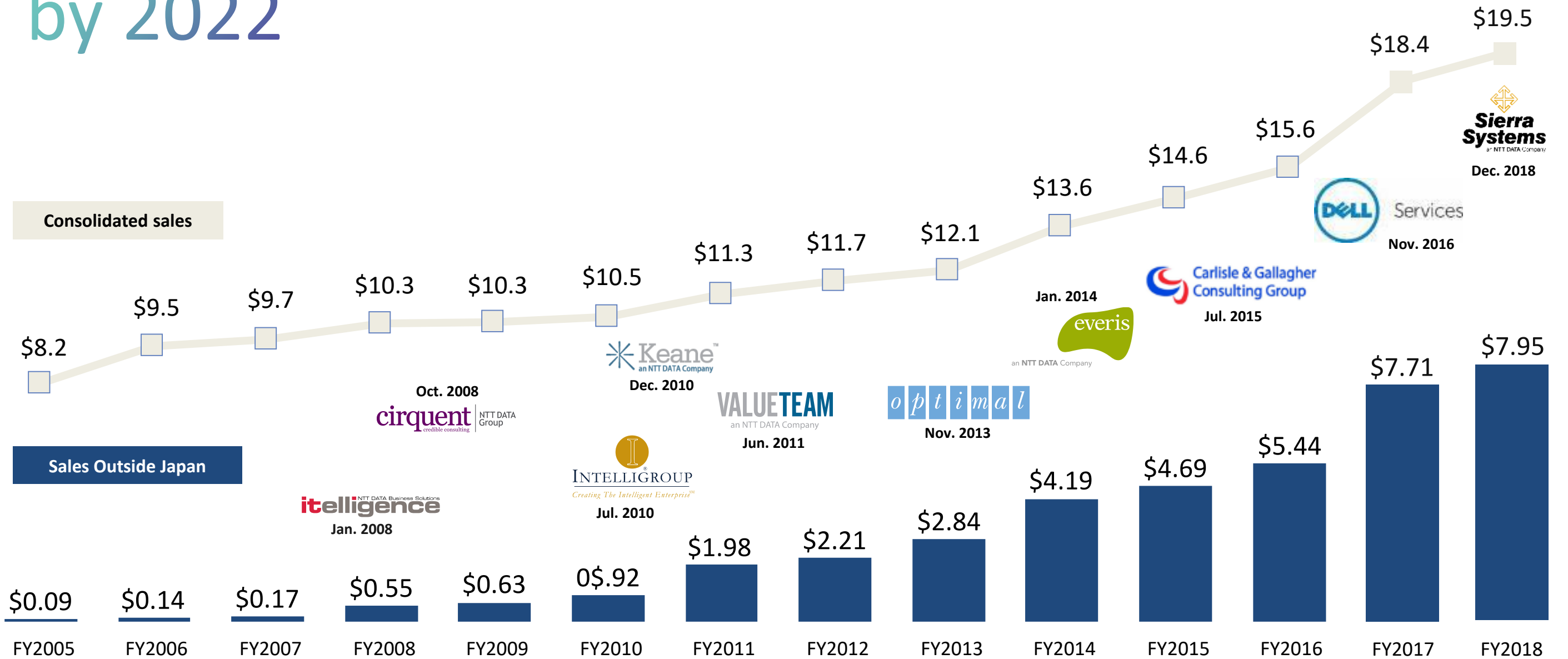
Yo Honma
CEO

NTT DATA Team

The NTT DATA Group, comprising an organization that encompasses 214 cities in 53 countries and regions and approx. 120,000 people, is reinforcing its ability to provide support for global companies.



NTTDS Global Expansion to be a Top 5 Provider by 2022



Results based on conversion rate of 1 USD=110.88 JPY

\$US billions

Industry Analyst Recognition



68 ranking reports

- 71% upward movement or first-time ranking
- 20 “Leader” or Top 10 rankings

Position	Analyst Firm	Topic
Top 10	Everest Group	IT Service Provider of the Year (#1 in healthcare)
Leader	Gartner	Managed Workplace Services (Magic Quadrant)
Leader	NelsonHall	Digital Workplace Services
Leader	Everest Group	Blockchain Services
Top 10 (#7)	HfS Research	Blockchain Services
Top 10 (#4)	HfS Research	Healthcare Services
Leader	Everest Group	Healthcare Payer Digital Services
Leader	Everest Group	Healthcare BPO Automation Solutions
Leader	NelsonHall	RPA & AI for Business Process Transformation & Banking
Top 10 (#6)	IDC	FinTech Rankings
Leader	NelsonHall	Salesforce Services
Leader	Everest Group	IoT Services

NTT DATA Technology Foresight - 2019

Information Society Trends

Societal trends impacting people and businesses

Innovation Beyond Borders

Digitization allows physical objects or characteristics to be visualized and controlled through data, blurring ownership lines. Data owners now have increasing control over object owners. This new information power balance goes beyond digital and physical realms, changing the social framework.



IST01

Power of the Individual

The growing influence of the individual is changing social systems and business. Once harnessed, information possessed by an individual becomes the basis for creating new value, which in turn forms the foundation for the continuous growth and progression of companies and society in the future.



IST02

Social Impact of Technology

Technologies bring benefits while concurrently polarizing society into two groups: those who leverage technology and those who do not. To prevent growing social imbalance, people must change behavior to coexist with technologies while adapting culture and regulations.



IST03

Sustainable Society

Resolving global issues fosters open collaboration within society. Collective business strategies together with this transformation will encourage the expansion of global opportunities and resolve uneven resource allocations. A more sustainable society and business environment will be created.



IST04

Technology Trends

Technology trends spearheading development of an information society

Socially Accepted AI

As AI continues to permeate society, practical issues are emerging. Technology advancements that improve both the accuracy and ease of building AI will further expand its application. Additionally, ensuring transparency will create more socially accepted AI, accelerating its integration into society.



TT01

Usable Augmented Data

In an era where data quality dictates business success, more usable and complete data by augmentation will be critical as mixing good with bad data continues. The development of technologies that generate and refine data will expand the possibilities of data usage.



TT02

Digital Life Science

IT has progressed beyond promoting healthier behaviors and supporting medicine. Devices for monitoring enable at-will diagnosis and changes the way people engage medical care. IT involvement in genetic and cerebral disorders have also initiated research in incurable diseases and life extension.



TT03

Natural Interaction

Conversations between humans and machines are becoming a normal part of life. Machines respond to user instructions, emotions and the context of communication. As machines communicate more naturally, machines will provide people with new insights and assist human thinking.



TT04

Spatial Computing

Technology to capture real world environments has become commonplace, allowing the replication of objects and space in precise size and positional relationship. Generated environments with augmented information will become an entirely new medium transforming business and individual perception.



TT05

Quantum Leap in IT Infrastructure

Demands for accelerating system processing continues. Domain specific development infrastructures and entirely new computers are appearing. Consequently, the ability to select a high-speed infrastructure that enhances performance is now a requirement for businesses.



TT06

Personal Data for the Digital Era

Massive leaks are precipitating a global imperative to protect information. While personal data is becoming a security focal point, its value mandates active utilization by broad distribution. Balancing the utilization and protection of personal data has become a prerequisite for economic development.



TT07

Service Design Innovation

A design process that fosters services via continuous improvement builds a foundation for corporate competitiveness. Successful businesses use the flexibility of IT to take advantage of change through service design. Services, now the main driver of business change, will transform business operations.



TT08

NTT DATA's Open Innovation Challenges

- ID01** Healthcare & Life Sciences →
- ID02** Finance, Insurance & Payments →
- ID03** Automotive & IoT →
- ID04** RPA & Back Office →
- ID05** Storefront & Digital Marketing →
- ID06** Data Distribution →
- ID07** Disruptive Social Innovation →