Greetings from the CEO

Global enterprises today are actively developing new markets and investing in promising new businesses. Many enterprises also are looking to develop ICT infrastructure that is both flexible and robust in order to enhance their global competitiveness.

Meanwhile, the ICT environment seems to change every day, as smartphones and tablets become ever-more important to our lives; mobile access expands with the widespread implementation of LTE while prices continue to fall; and the role of big data surges forward as innovative cloud services steadily upgrade the capacity of data processing.

Within this dynamic environment, the NTT Communications Group has been taking long strides under its bold growth strategy, Vision 2015, to become the leading Global ICT Partner of worldwide businesses.

As part of our Global Cloud Vision, we now offer enterprises a wide range of seamless ICT solutions, with a special focus on cloud computing. In particular, as a global telecommunications carrier, we possess unique capabilities to offer one-stop and end-to-end services. In addition, we have built an award-winning reputation for managed services.

The NTT Communications Group supports enterprise innovation with offerings such as Enterprise Cloud utilizing SDN technology, Arcstar Universal One for secure, high-quality global networking in 196 countries/regions, and Global Management One for automated, standardized management of entire ICT systems. Moreover, all services are steadily being strengthened through aggressive investment in data centers, submarine cables and advanced ICT infrastructure.

Going forward, we are determined to continue delivering innovative, reliable and secure services to NTT Communications Group customers worldwide.

Akira Arima
President & CEO

NTT Communications received the CEO of the Year award at Asia Communication Awards 2014.
Empowering management innovation from day one

NTT Com Group leverages its strength as a telecom carrier to provide “Seamless ICT Solution” based on Global Cloud Vision to contribute to customers’ management innovations. NTT Com Group supports customers’ transition to Cloud/Colocation-based ICT systems by an optimal combination of globally standardized services such as networks, security, voice and other applications with one-stop operations and management.

Our Global Cloud Vision 2014 value proposition

Build a fast, cost-effective, on-demand ICT environment

**Carrier Cloud**
Seamless integration of Network and Cloud leveraging capabilities as a telecommunications carrier

Through consistently managed and maintained services, NTT Communications offers a reliable, world-class Cloud that is directly connected to global networks (VPN) while providing ample Internet security.

**Virtualization**
Accelerated delivery of virtualization technologies such as SDN and NFV

As an industry-leading pioneer, NTT Communications offers services using SDN and NFV services that provide cloud-based network functions.

SDN: Software-Defined Networking
NFV: Network Function Virtualization

**Automation**
Extended API functions that enhance automated linkage between systems

NTT Communications provides integrated API Gateway which enables customers and partners to easily develop and operate systems and applications that work in tandem with NTT Communications services.
Global ICT Infrastructure

World-class infrastructure supporting NTT Communications Global Cloud Services

Large-capacity, ultra-low-latency submarine cables connecting Asia and North America with Japan as the hub

Asia Submarine-cable Express (ASE) optical submarine cable, our large-capacity (over 15 Tbps) backbone cable connecting Japan with the Asian continent, will additionally extend to Cambodia in fiscal 2015. This will realize reliable, high-capacity communication infrastructure for companies in the Mekong region, which is currently enjoying remarkable economic growth. In July 2013, the capacity of our PC-1 transpacific submarine backbone cable between Japan and the United States was dramatically increased from the standard 3.2 Tbps to 8.4 Tbps (an approximately 2.5 times larger capacity) through the adoption of cutting-edge optical communication technology. Moreover, ASE and PC-1 have achieved industry-leading shortest latency. ASE boasts a latency of 64 ms between Tokyo and Singapore, while PC-1 marked a 127 ms latency between Tokyo and Chicago. By combining these two submarine cables, Asia and North America can be connected with the industry’s shortest latency and high capacity via Japan as communication hub. In addition, our new Asia Pacific Gateway (APG) submarine cable, with Asia’s largest-class capacity, is scheduled to begin operation in fiscal 2015 and will connect many Asian countries/regions.

Reliable world-class data centers offering globally seamless service

The NTT Communications Group operates state-of-the-art data centers under its Nexcenter™ brand that offers Tier III to IV equivalent services with globally consistent quality and world-class reliability thanks to leading-edge features such as redundant facilities for power and cooling. In 2013, we launched new data centers in Tokyo, Hong Kong and India. We also expanded our global ICT infrastructure by acquiring the stocks of corporations operating data centers in Thailand and the United States. Furthermore, we plan to continue expanding new data centers worldwide in such countries as the United States, India, China and Thailand to augment our 130 data centers with a combined server space of over 251,000 m² and accelerate availability of seamless global service.

Global IP Network

A global Tier 1 IP backbone supporting ever-expanding Internet communications

NTT Communications, as a Tier-1 Service Provider, offers direct IP connectivity between major service providers in Asia, Oceania, the Americas and Europe via high-speed, high-capacity networks that boast among the world’s highest bandwidth—780 Gbps between Japan and the United States, and 1,025 Gbps within Asia and Oceania.* Our Global IP Network is designed for operational redundancy, resiliency and efficiency and is operated based on a single AS (Autonomous Systems) network and solid SLA (Service Level Agreement). * As of the end of June 2014

NTT Communications was named Data Center Service Provider of the Year at the 2014 Frost & Sullivan Japan Excellence Awards.

Singapore Serangoon Data Center and Hong Kong Financial Data Center received LEED Gold New Construction certification for their environmentally friendly designs.

NTT Communications was named Best Pan-Asian Wholesale Carrier at Capacity Global Carrier Awards 2013, receiving recognition for development of its DDoS protection/mitigation services and high-capacity global IP network services in Asia.

NTT Communications was named Wholesale Operator of the Year at Asia Communication Awards 2014, receiving recognition for its global IP network services, including Asia’s largest-capacity high-quality services, which are fully supported by redundant systems.
Global Network Innovation
Realizing seamless connection to the cloud

A seamless, cloud-connected global network

Arcstar Universal One
NTT Communications’ highly reliable enterprise network services comprise VPN services, Hybrid WAN and cloud connectivity, operated in more than 196 countries/regions worldwide. We offer four different service grades which customers can select per site, depending on cost and service quality requirements. Furthermore, we continue to expand innovative services – such as recently introduced SDN*¹ and NFV*² enabled services – to help enterprises stay agile and competitive in the ever-changing market. Our world-class enterprise services are managed and monitored 24/7/365 to ensure secure and seamless network transmission.

*¹ Software-Defined Networking: A common term for emerging technology that controls networks via software.
*² Network Function Virtualization: Originally the name of an ETSI Industry Specification Group, but now often used to describe the concept of consolidating various network functions on general-purpose servers by utilizing virtualization technology.

By commercializing the latest network virtualization technologies, our value added services bring greater flexibility to your business

Cloud-Based Network Services
Using NFV technology, our customers can deploy critical network functions such as application acceleration, secure web access, IPSEC VPN Gateway and SSL-VPN Gateway from NTT Communications’ network cloud. Services are currently hosted in 50 locations worldwide. They can be activated and configured on-demand via web customer portal, freeing the enterprise from industry limitations and long lead times to procure hardware and commit to fixed-term contracts.

Arcstar Universal One Virtual
Using SDN technology, this service enables our customers to implement network that is securely connected to NTT Communications’ cloud or customer’s on-premises system via Arcstar Universal One wherever an Internet connection is available. Network virtualization technology lets you flexibly add new venues and change settings on-demand for prompt, carefree network management/operation.

NTT Communications Positioned as a “Leader” in Gartner’s “Magic Quadrant for Global Network Service Providers” report
NTT Communications positioned in the Leader’s Quadrant of the Gartner’s “Magic Quadrant for Global Network Service Providers”*¹ report. NTT Communications was evaluated for its completeness of vision and ability to execute.

This cloud-based service offers the following advantages:

- **Increased efficiency**: Automates the process of setting up and managing cloud services, reducing the time and effort required.
- **Flexible scalability**: Allows for easy adjustment of resources as needed, providing the ability to scale up or down quickly.
- **Cost savings**: Reduces costs associated with hardware and infrastructure maintenance.

By leveraging the cloud, businesses can streamline operations, lower costs, and focus on their core competencies.

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NTT Communications was named Operator of the Year at Asia Communication Awards 2014, receiving recognition for the high quality and reliability of Arcstar Universal One, which utilizes the latest virtualization technology (NFV, SDN, etc.) to deliver exceptional performance.
Global Cloud Service
Carrier cloud via unrivaled technology and know-how

Private cloud service that can only be delivered by major communication carriers

Enterprise Cloud
This cloud service employs the latest SDN technology to enable high-level self-management for enterprises. It realizes easier establishment and management of global ICT systems with uniform specifications that meet companies’ worldwide business needs. Companies can unite ICT resources from all over the world in a cloud system that can be centrally managed with wide-ranging options for security and operation services. They can also utilize these services in combination with on-premise servers in a hybrid configuration. Moreover, NTT Communications’ worldwide data centers and communication services are highly applicable to mission-critical tasks and foundation systems.

Public cloud service with expandable APIs and high scalability

Cloud
Our public cloud service offers highly scalable and flexible pricing, including pay-as-you-go plans starting from 900 yen (972 yen including consumption tax) per month. It features over 300 types of rich APIs and lets users manage and control all settings via customer portal on demand. Since the service is currently hosted in Japan and the US, you can easily expand your business globally.

Cloud-based mail service for corporations

Enterprise Mail
Basic communication tools like mail, calendars, file sharing and internal SNS are available to users. NTT Communications utilizes its data centers worldwide to offer the kind of secure mail infrastructure that only a major communication carrier can provide.

Enterprise VDI establishes virtual PCs in the cloud

Enterprise VDI
This virtual desktop service generates virtual PCs in NTT Communications’ cloud, enabling users to work on “desktops” that simulate office PCs anytime, anywhere. The virtual desktop environment can be centrally managed in the cloud and offers extremely high security because no work data is stored in client terminals. It’s an ideal solution for reducing PC management costs and innovating employee work styles. The same service is called Biz Desktop Pro Enterprise in Japan.

Cloud communications that support innovative customer work styles

Arcstar UCaaS
The cloud-type communication service integrates various communication features including VoIP (IP telephony), messaging functions, presence, and audio/video/web conferencing tools. It lets users choose the means of communication that best suits the other party for efficient and intimate remote collaboration. By implementing a consistent, integrated communication environment on a global scale, Arcstar UCaaS also helps to globally enhance the efficiency and productivity of your entire company. Its one-stop comprehensive service coverage, including high-quality network, reduces your overall TCO*, including system operation and maintenance.

* TCO: Total Cost of Ownership

NTT Communications was positioned in the champions quadrant in the “Frost Industry Quotient (IQ) — Asia Pacific Unified Communications-as-a-Service Providers, 2014” report issued by Frost & Sullivan, based on a combination of market share performance and future growth strategies.

Christian TUCHSCHERER
Client Business Manager, Global Market Sales

Iromie WEERAMANTRY
Sr. Director Digital Strategy, Business Management

NTT Communications received the Japan Unified Communications-as-a-Service Provider of the Year award at the 2014 Frost & Sullivan Japan Excellence Awards in Tokyo for being the company that provided the best unified communication services in 2013.
Global Cloud Migration Service

Providing ICT platform optimization that supports business on a global scale

Providing cloud solutions optimized for global service usage

Cloud Migration Service
This service provides comprehensive support for migrating to the cloud, from consultation, planning and implementation to everyday operation of the resulting system. After grasping the current managerial and operational issues of the customer’s ICT system, we prepare and present plans for implementing an optimal cloud environment with global availability, including estimates of business effectiveness (ROI, TCO, etc.). NTT Communications supports smooth customer migration to a cloud-based system on a global basis through a range of options that meet different needs such as infrastructures for mission-critical tasks, information systems, data alignment and networks.

The world’s first integrated cloud and colocation operation

Colocation Connection Service
This service uses SDN to connect Enterprise Cloud and customer’s dedicated racks in NTT Communications major data centers with a bandwidth of 1 Gbps for free. The service supports L2 connection and up to 24 segments via VLAN multiplex function, enabling users to operate systems as an integrated hybrid cloud without any trace of physical distance between system components.

Our on-premise connection service enables easy shifting to a cloud environment without changing IP addresses

On-premise connection service
Migrating your on-premise systems to the cloud often requires a massive amount of work, such as changing IP addresses, servers and clients; re-configuring network equipment; and other operations that many customers find challenging. Our on-premise connection service facilitates smooth, flexible transitions to the cloud by connecting customers’ on-premise systems with our Enterprise Cloud via the same LAN IP address segment using SDN technology.

NTT Communications received the Best Service ranking in the Private Cloud Construction Assistance Service category and 4 other categories at the 8th Cloud Ranking (6th Mar 2014 issue) held by Nikkei Computer.
Global Customer Support

Operation management service promoting the integration/optimization and total security of customer’s ICT systems

Integrated management of your entire ICT infrastructure

Global Management One

Global Management One™ is a one-stop, globally seamless ICT management service. Based on industry best practices in ICT service management, and leveraging the global resources of NTT, it provides the means to comprehensively manage your ICT environment on a global scale. The culmination of our service portfolio, Global Management One™ makes NTT Communications your end-to-end ICT partner.

Total Managed Security Service brand

WideAngle

WideAngle is a comprehensive, globally developed security and risk management service available in 15 countries worldwide and supported by approximately 800 security experts. It addresses the need of corporations to implement global information security measures in response to the rise of new types of viruses and fraudulent access. WideAngle includes consultation with objective evaluation of your company’s security measures in different regional offices and departments around the world, vulnerability assessment that visualizes weaknesses in your ICT environment and rescue service support when security incidents occur. It also includes managed security services that provide full-time monitoring of your ICT environment and detection of unknown cyber-attacks, including targeted attacks. The service employs correlation analysis of logs (including the logs of non-security devices such as proxy servers) via proprietary auto analysis engine, sandbox technology, profiling schemes and highly skilled risk analysts.

From left
Ryuichi MATSUO
President Director, NTT Indonesia
Nanae KAWAKATSU
Assistant Manager, Analyst Relations
Akiko NAGAHASHI
Assistant Manager, Sales Promotion
Chris SANDOVAL
Service Development Manager

NTT Communications received the Best Enterprise Service ranking for its comprehensive WideAngle managed security services at Asia Communication Awards 2014.
Enhancing the efficiency of ICT system operations

Users control systems on demand

NTT Communications Business Portal

A Globally seamless online ICT system management experience

ICT proactively supports new lifestyles and business opportunities. It also brings new complexity to operations at many corporations. The NTT Communications Business Portal is a customer portal site that lets ICT managers view the operational conditions of all contracted services including network, cloud, security, voice and applications. Since the portal allows centralized global control, there is no need for companies to appoint an ICT manager at each regional office.

Cloud operation/management efficiency

Cloud resources can be added, deleted and modified on demand. This makes it much easier for businesses to expand, dramatically shortens lead time for introducing new services, and makes it easy to achieve cost reductions by optimizing system specifications.

Automatic alignment with customers’ systems

Integrated API Gateway

Integrated API Gateway is a Web service interface that enables customers/partners to coordinate with various NTT Communications services (network/cloud/voice/apps). It provides APIs that help reduce total ICT operating costs by serving as common formats for contracts and applications that can easily be integrated or developed to become consistent with the on-premise systems and applications of customers/partners.

In the latest customer satisfaction report by Ocean82, NTT Communications received the top World Class rating based on total customer satisfaction and predicted future growth. It also received 15 prestigious Gold Awards for outstanding performance in 41 areas of measurement and earned a World Record for achieving the highest level of billing accuracy in the history of Ocean82.

Frederic BOURSET
Strategic Account Director
Our Strength in Asia

Based in Asia, NTT Communications takes on various challenges to become your gateway to business success in Asia

Despite the global economic recession, the expansion of multinational companies into the Asian market has been accelerating, and the importance of Asia in global business is growing more than ever.

With more than 4,800 staff and a footprint that extends to more than 44 cities in 17 countries across the Asia-Pacific Region, excluding Japan*, NTT Communications has the expertise to help enterprises drive business growth in the market. Our local delivery and operation capabilities are not limited to key markets such as Singapore, Hong Kong, China or India.

We have also been expanding ICT services in Southeast Asia’s Mekong River Basin, an area of dynamic growth.

In Cambodia, we became the first Japanese company to obtain a telecommunications service license and we have started offering Internet connection services to businesses.

In Vietnam, through collaboration with a government organization (VNNIC), we became the first foreign company to offer international Internet service.

In Laos, we are working with a government institution to support the deployment of information and communication technology.

In Myanmar as well, we became the first foreign company to launch a branch and provide ICT services to multinational companies.

And in Brunei, we have been officially recognized as a global Tier-1 ISP. As these activities demonstrate, we are gradually building an information and communication infrastructure and expanding our reliable services throughout the region.

*1 As of end of March 2014

The Greater Mekong Sub-region

This economic area naturally bounded by the Mekong River, is drawing attention as a burgeoning economic bloc. It consists of six countries: Thailand, Myanmar, Cambodia, Laos (Lao People’s Democratic Republic), Vietnam and the People’s Republic of China (PRC), specifically Yunnan Province and Guangxi Zhuang Autonomous Region).
**Contributing to society**

We strive to improve our information and communications technologies and provide stable, reliable and secure communications worldwide, thereby making society safer and more secure. We offer new business models and lifestyles that create new value by enabling people to participate fully in society.

**Protecting the environment**

We safeguard the environment in all our businesses and reduce society’s environmental footprint through our telecommunications services.

**Respecting our employees**

We respect employee diversity and provide workplaces that champion self-fulfillment. We and our partners maintain high ethical standards in meeting our social responsibilities as telecommunications professionals.

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**Green Vision 2020**

By promoting our three “eco” initiatives of Green of ICT, Green by ICT, and Green with Team NTT, The NTT Communications Group is committed to helping enrich and streamline social activities, and to supporting the harmonious coexistence of all living things on our beautiful planet.

**Sports promotion activities**

ShiningArks is a rugby team in Japan’s professional Top League sponsored by NTT Communications. The team provides rugby classes and is involved in cleanup activities aimed at strengthening community relations and promoting social responsibility among youths. By supporting these efforts, NTT Communications hopes to spread the joy of sports and empower people to pursue their personal dreams.

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**Disaster recovery policy**

**Business Continuity Plan support**

We support the Business Continuity Plans (BCP) of clients to ensure that business operations remain up and running following major disasters (earthquakes, pandemics, etc.). This includes support for the protection and recovery of critical systems, data storage and networks.

**Biz Desktop Pro — Virtual desktop service**

This service virtualizes office and desktop environments in the cloud and makes them accessible from anywhere in the world. Since data is not stored in the client terminal, the service supports a mobile workforce and is gaining popularity in various industries as a BCP solution that assures solid security.

**Biz Safety Confirmation / Group Notification System for accurately grasping employee status**

This service supports corporate BCPs by gathering information to confirm the safety of employees in the event of an earthquake or other disaster. It enables employees to contact the company via various means of communication including mobile phones, smartphones, PCs and fixed-line phones.

**Decentralization of data via data centers and cloud**

A virtual network can connect all of our data centers around the world, enabling true decentralization of critical customer data. In combination with cloud service, this decentralization solidly supports corporate BCP in the event of a disaster.