Glossary of Terms

Explanations of specialized terms as used in this annual report

General Terms

- **AI**
  Artificial intelligence

- **Application**
  Software developed and used for specific functions and purposes

- **Architecture**
  Basic design, shared specifications, or design ideology of a computer, piece of software, system, or its basic components

- **B2B2X**
  A business that supports and promotes the customer-based businesses of other companies. "B" represents the company and "X" represents customers, such as individuals, corporations, employees, and government agencies.

- **Bit Rate**
  Amount of data handled in a given time when performing continuous processing or transmission of data

- **Cloud / Cloud Services**
  Type of service whereby software and hardware can be used through a network. The service can be used on an on-demand basis without the need to purchase hardware, such as a server, or software.

- **Cognitive Framework**
  Frameworks for solving problems through a methodology using experience and insight similar to that of humans anticipated to be applicable to systems capable of producing viable information from big data

- **Connected Cars**
  Vehicles that have ICT device functionality and are anticipated to create new value by acquiring data on vehicle conditions and surrounding roads through sensors and by aggregating and analyzing this data through networks

- **Cyberattack**
  Attack that causes the functionality of the target system to fail as well as unauthorized access of a target computer or network resulting in theft, destruction, or alteration of data

- **Dark Web**
  Websites that cannot be accessed by standard Internet browsers

- **Data Center**
  Facility entrusted with servers and other systems by customers that provides operation and management services, including Internet connectivity

- **Deep Learning**
  Method of machine learning in which systems learn data characteristics to recognize and categorize phenomena and that enables systems to learn data characteristics at a very deep level, making it possible to recognize characteristics with incredibly high degrees of accuracy. It is thus anticipated that this method will be applicable to recognition of people’s voices and images and video taken by cameras.

- **Digital Transformation**
  Process of creating new business models or transforming existing business models by using ICT tools to accumulate data or use data in management
Glossary of Terms

- **Open Platform**
  Hardware or software platform in which the underlying technological specifications for products or services are publicly available.

- **Orchestrator Technologies**
  Technologies for automatically deploying, configuring, and managing computer systems.

- **PaaS (Platform as a Service)**
  Provision of hardware, operating systems, and all other platform elements necessary for operating applications as a service that can be accessed remotely via the Internet.

- **Protocol**
  System of defined rules and procedures that enables smooth transmission of signals, data, and information between multiple sources.

- **RPA (Robotic Process Automation)**
  Technologies that streamline or automate white-collar labor (nonmanual labor) sometimes referred to as “digital labor.”

- **SDGs (Sustainable Development Goals)**
  Set of 17 goals needing to be addressed leading up to 2030 that were approved at the UN Sustainable Development Summit held in September 2015.

- **System Integration**
  Implementation of the construction and operation of information communications systems in an integrated manner, tailored to clients’ operations.

- **Traffic**
  Signals or data transmitted through communication lines or networks and the volume and density of such signals or data.

- **Upside Potential**
  Potential for generating profits.

- **Virtualization Technologies**
  Technologies for simulating multiple virtual computers within a single computer and operating these virtual computers with differing basic software.

- **WinActor® / WinDirector®**
  Made-in-Japan robotic process automation solutions based on technologies developed by NTT Laboratories in 2010 that allow for multiple robots to be operated simultaneously using multiple action scenarios through high-level robot management achieved via integrated, server-based management and control of robots and robot action scenarios created by WinActor® and WinDirector®.

Terms Related to NTT Group Services

- **d POINT**
  A point service provided by NTT DOCOMO with no sign-up or annual fees that anybody can become a member of under a personal name.
  [https://www.nttdocomo.co.jp/english/service/dpoint/index.html](https://www.nttdocomo.co.jp/english/service/dpoint/index.html)

- **FLET’S Hikari**
  B FLET’S, FLET’S Hikari Next, FLET’S Hikari Light, FLET’S Hikari Lightplus, and FLET’S Hikari WiFi Access by NTT East; and B FLET’S, FLET’S Hikari Premium, FLET’S Hikari Mytown, FLET’S Hikari Next, FLET’S Hikari Light, and FLET’S Hikari WiFi Access by NTT West.
  [https://flets.com/english/](https://flets.com/english/)
  [http://flets-w.com/english/](http://flets-w.com/english/)

- **Hikari Collaboration Model**
  Model in which FLET’S Hikari and other NTT East and NTT West services are offered to various service providers on a wholesale basis.

- **Hikari Denwa**
  A value-priced IP- and optical fiber-based telephone service using FLET’S Hikari.