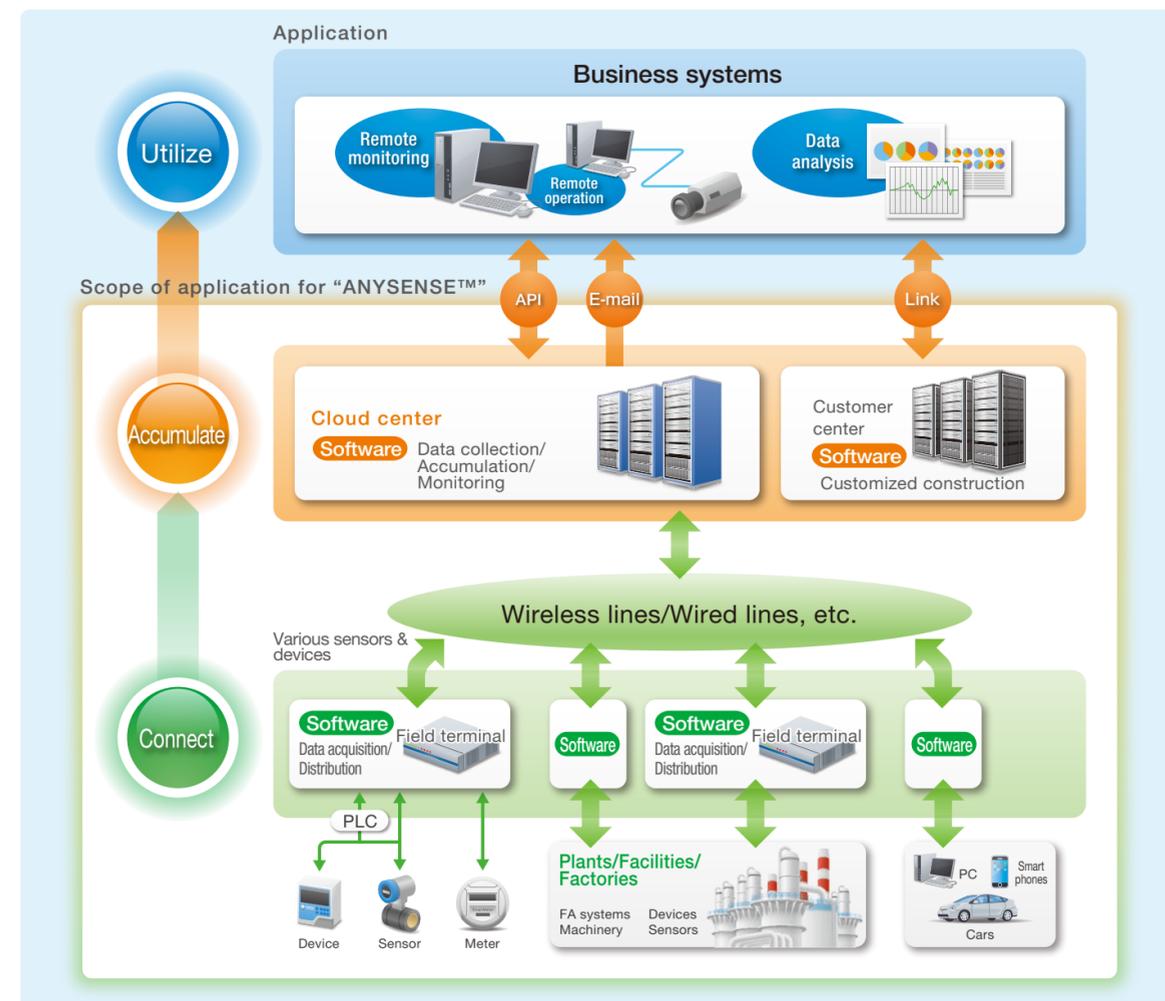


Business ventures into new paradigms through the evolution of IoT

IoT is greatly changing the way we live and our society. It gives communication functions to various "things," allowing them to communicate with the internet, etc., and uses cloud environments to enable sophisticated communication. By connecting things to things, and people to things in a well-coordinated manner, IoT has created an unprecedented level of high convenience and added value. Innovation that began from "connections" is now shaping new business paradigms.

A world made possible by ANYSENSE™

"ANYSENSE™" is an IoT platform service that realizes creative business environments through little investment by further developing IoT technologies accumulated by NTT DATA Corporation until now which are centered around social infrastructures. ANYSENSE makes data acquisition and utilization simple and highly efficient by equipping independently developed processing software to generic field terminals without using specialized terminals, which has been the conventional method. ANYSENSE boasts superior performance that focuses on social infrastructures and takes the spread of smart meters and the 4th industrial revolution into consideration. It also uses package software to provide support to not only cloud-type systems but also on premise-type systems. ANYSENSE provides the benefits of IoT in an easy and safe manner.



Advantages of ANYSENSE™ A solution that specializes in connecting and accumulating

Accumulate Easily coordinates with various applications

Can easily coordinate with customers' work systems by using API functions to provide configuration information and accumulated data in cloud centers offline to the work systems and our newly developed applications already possessed by customers.

Accumulate Can instantly processes vast amounts of data and remote operation is also possible

Equipped with functions that can instantly process large amounts of data on the center side of operations, such as cloud centers, and provides an environment that can respond to needs in meticulous intervals even if large amounts of data are sent. Images can also be transmitted and operated remotely via the cloud.

Connect Applies to various environments such as wireless and wired lines

Can use a myriad of lines such as 3G, wired internet, and optical fiber networks to access cloud centers from on-site "things." Can also easily be globally developed overseas (can be used on lines already possessed by customers.)

Connect Simple communication without selecting "things"

Provides the three conveniences listed below by using our newly developed communication software:

- The ability to quickly connect through software functions that acquire data from various on-site devices, meters, sensors, machinery, etc.
- The ability to quickly connect to sensors through software functions that realize two-way data communication with cloud centers, etc. by utilizing acquired data using optimal protocols.
- Reduced costs and simplified procurement due to the ability to use generic terminals and servers for devices controlled by software.

Provides around-the-clock monitoring services 24 hours a day, 365 days a year

Provides a communication monitoring service through its cloud services 24 hours a day, 365 days a year. Can quickly detect objects using software processing equipped with abnormality monitoring functions.

Service contents

Data transmission service Collects data from on-site devices, primarily accumulates data, and transmits data to customers' business systems.

Center cloud services	Essential	Collection/Primary accumulation functions	Sensor data is collected from on-site devices to the cloud, accumulated (primarily accumulated,) and transmitted to customers' business systems via the cloud. Sensor values, system abnormalities, and alarms are also notified via e-mail.
	Optional	Backup accumulation functions	Accumulates sensor data and still image data transmitted to cloud servers, and delivers data from a specified term offline.
	Optional	Remote device operation functions	Remotely controls customer devices from the cloud.
	Optional	Still image functions	Collects still image data from on-site cameras and provides them to customers' business systems via the cloud.
Terminal software services	Essential	Center connection functions	Provides basic functions that transmits sensor data to the cloud.
	Optional	Device connection functions	Provides interface functions with devices such as PLC.
Call center services	Optional	—	Conducts primary isolation when incidents occur, etc. (24 hours a day, 365 days a year)
SE technology inquiry services	Optional	—	Technical support from specialized engineers. (Weekdays during the day)

Field line services Provides a line that connects the cloud to on-site locations.

Wireless line services	Optional	3G lines will be prepared by our company.
Wired line services	Optional	Wired lines will be prepared by our company. (There are cases when devices are needed separately to conduct line connections)

(Note) Please let us know individually if lines prepared by the customer are to be used. (Separate estimate)

Field terminal services We will provide field terminal devices to be established on-site.

Provision of field terminals	Optional	Our company will prepare and rent devices.
Terminal kitting services	Optional	Software and parameters for terminal use will be installed to the field terminals.

(Note) Please let us know individually if customers will prepare field terminals themselves. (Separate estimate)