

Introducing Our Businesses







IoT-Related Business

(NCXX Inc.)

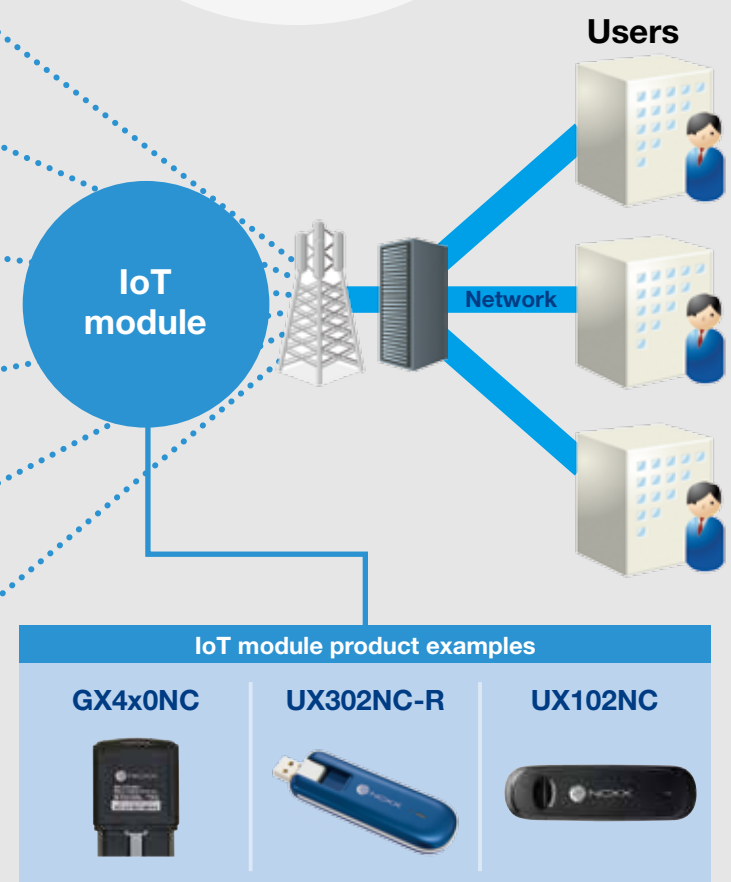
IoT Solutions

IoT refers to a system that automates various controls by enabling “things” such as sensors and devices connected through the Internet to exchange data with each other. One key advantage of M2M is that it enables data communication between devices without any human intervention. For this reason, M2M has been introduced not just to PCs and servers, but to a diverse array of fields, including management of driving conditions through integration with vehicle driving management systems, inventory management for vending machines and related monitoring of malfunctions and other issues, remote surveillance and monitoring for faults and so forth of elevators and ATMs, remote readings of water, electricity and gas meters, and security measures.

Main Target Fields for IoT

- 
Transport and dispatch management
 Buses, trucks, and taxis
- 
Remote control and inspection
 Water supply, electricity and gas meters
- 
Remote monitoring
 Security and monitoring cameras
- 
Inventory management
 Vending machines and others
- 
Operational support
 Settlements and signage
- 
Real-time information retrieval
 Car navigation systems and PCs

NCXX works to incorporate wireless telecommunication functions into various equipment to provide IoT solutions that realize operational efficiency gains.



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Agricultural ICT

Since 2012, the NCXX Group has been operating the NCXX FARM agricultural ICT business with a view to applying its tele-communication technology assets in the field of agriculture. A test plot was established at NCXX Group Hanamaki Head Office, where various trials are conducted using new agricultural methods. The Group conducts trials that use multi-stage pot cultivation enabled by digitally based chemical soil management to minimize environmental impacts and supply reliable, safe and eco-friendly farm products. In addition, the Group aims to convert the various cultivation conditions into data and optimize them to establish cultivation technologies that can ensure stable production, with a view to providing these technologies to producers.



Utilizing Agricultural ICT

- Development of a mushroom cultivation management system
- Research into disease prevention strategies in agricultural facility cultivation together with Iwate University
- Launch of Yellow Tomato Keema Curry packed in Paulownia Wood Box and 100% Yellow Tomato Juice
- Took part as an advisor in the Iwate Prefectural Workshop Promoting Development of New Fields Using IT
- Started collaboration on a farming ICT system with LINE WORKS, a LINE for work use

Characteristics of NCXX FARM

A franchise business entailing sales of packaged system with chemical soil management based on a patented farming method, digital management based on ICT systems, and a sales support system

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IoT-Related Business

(Care Dynamics Limited)

Total Nursing Care Business Support Services

Care Dynamics develops and sells Care Online, an ASP service for nursing care service providers offering a system for centrally managing operations and information related to the nursing care business, such as care plan creation, nursing care service provision, and invoicing national health insurance organizations. Looking ahead, the company will combine M2M technologies that utilize synergies with the NCXX Group to transition into a “total nursing care business support company.” To this end, the company is expanding its conventional software service with the addition of NCXX’s hardware and services in the telecommunication field to provide the highest level of service and total solutions to people involved in nursing care. It is also participating in the planning and development of a nursing care robot business.

Nursing Care Robot Business

Care Dynamics aims to realize the highest level of nursing care service quality through the harmonization of people and robots. The company supports sales and introduction and operation of robots at nursing care facilities. Care Dynamics will provide consulting to assist with introduction based on diverse trial data obtained through use of nursing care robots in actual frontline nursing care situations, and is now creating a manual for optimal introduction and operation of nursing care robots.



Prof. Sankai, University of Tsukuba/CYBERDYNE Inc.

Nursing Care ICT Business

The telecommunication and communication technologies cultivated in the nursing care robot business will be used to supplement human workers on the front lines of nursing care, which tend to be in short supply. This offers a way for nursing care workers to provide higher-quality services. Care Dynamics will draw on the basis of its accumulated experience in the nursing care solutions business to provide solutions that nursing care service providers truly need.



ASP Services for Nursing Care Service Providers

Care Dynamics provides Care Online, an operation support system for nursing care service providers. The system is provided as a cloud-based service corresponding to a suite of operations including care plan creation, nursing care service provision, and invoicing national health insurance organizations. With simple operation that anyone can use and features that can be customized to suit the characteristics of each facility, the system caters to a full range of administrative processes in facilities. 120 nursing care service providers have introduced the system at over 400 facilities.



< Features of Care Online >

Care Online
ASP service for care establishments

