

# 4. Manufacturing Capital



## An ICT facility base supporting business transformation

### Fujitsu's Manufacturing Capital

#### Establishing a Global Service Provision Framework Including Datacenters Covering All Continents

The main manufacturing capital supporting Fujitsu's cloud business is its datacenters and delivery centers, which are the points for the global provision of products and service solutions.

We have over 100 datacenters around the world providing coverage of every continent. These centers hold our customers' ICT assets and provide service 24 hours a day, 365 days a year. The robust, high-quality facilities have been highly rated by customers for their state-of-the-art features such as disaster countermeasures, electric air conditioning equipment and floor loading designed for high-density installations, security, and green performance. Moreover, a high-speed network connecting the main datacenters supports customers' business continuity plans (BCP) by linking systems, allowing reciprocal backup, and so forth. Furthermore, we plan to add new wings to our core datacenters of Tatebayashi Datacenter in April 2016 and Akashi Datacenter in July 2016.

In the global delivery group, we have established a four-region global delivery structure. We provide onsite services covering more than 180 countries and service desks in over 30 languages to support our customers' global business development.

### Utilizing and Strengthening Manufacturing Capital

#### Manufacturing Plants—Enhancing Added Value of Manufacturing and Establishing New Foundry Company

The Fujitsu Group has 46 manufacturing plants in Japan and

another 30 overseas. To provide customers with high-quality products as quickly as possible, we strive constantly to improve on quality, cost, and delivery (QCD) and pursue efficiency in every aspect of operations. As one of our distinctive initiatives, we have consolidated the installation, local adjustment, and other processes that are part of system deliveries and that had previously been carried out at customers' premises, and now we perform this at our plants to increase added value by shortening delivery times and raising work efficiency. We have also taken steps such as standardizing our manufacturing systems and production lines, which have helped to ensure flexibility in the production system of our plants. Besides that, we have leveraged the characteristics and strengths of each plant to provide manufacturing solutions (contract manufacturing services, professional services for manufacturing in general, and so forth). In this way, we strive to uphold the trust of our customers by further raising our added value and achieving our goals in the rigorous pursuit of QCD through various initiatives.

In accordance with the "New Direction of the Semiconductor Business" policy announced in July 2014, Fujitsu Semiconductor split its manufacturing facilities into Mie Fujitsu Semiconductor Limited, which consists of the 300 mm wafer manufacturing facilities in Mie; Aizu Fujitsu Semiconductor Wafer Solution Limited, which consists of the 150 mm wafer fab in Aizu-Wakamatsu; Aizu Fujitsu Semiconductor Manufacturing Limited, which consists of the 200 mm wafer fab in Aizu-Wakamatsu; and Aizu Fujitsu Semiconductor Limited, which controls the operations of both the 150 mm and 200 mm companies in Aizu-Wakamatsu. The four subsidiaries operate as foundry companies. (Please refer to the diagram on page 68.)

Topic

### All Internal Group Systems in and outside Japan Moved to the New Cloud Service, FUJITSU Cloud Service K5

The Fujitsu Group is taking steps to respond flexibly and efficiently to changes in the business environment by steadily migrating, from February 2015, all of its approximately 640 systems (approx. 13,000 servers) to the new OpenStack-based K5 cloud service platform. The migration will be completed over a period of five years, during which time the Group expects to reduce its total cost of ownership by about ¥35.0 billion. Fujitsu will continuously develop functions while conducting pilot trials with select customers, using the skills and expertise it acquires as a reference for customer solution proposals as well as system construction and operation.

