

To contribute to the creation of a safe, secure, and prosperous global society, Anritsu conducts “Original & High Level” R&D related to its products and services globally in its R&D centers in Japan, the United States, Europe, and Asia.

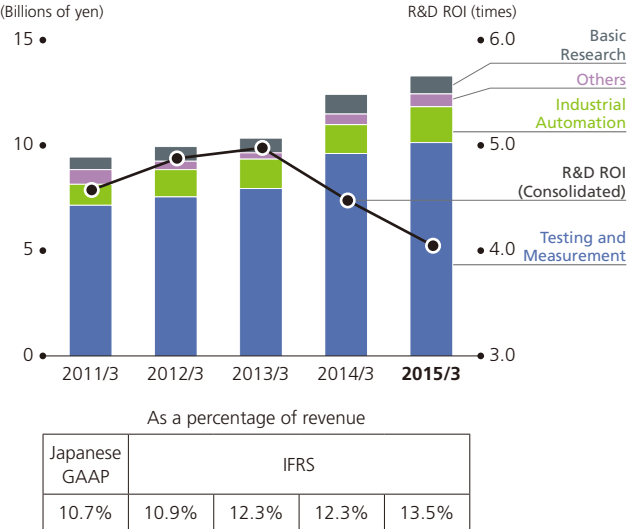
The Test and Measurement business conducts research collaboratively at Anritsu Company in the United States, Anritsu Ltd. in the United Kingdom, and Anritsu A/S in Denmark and draws on its holdings of technology to realize synergies. The Industrial Automation business conducts R&D within Anritsu Industrial Solutions Co., Ltd.

Basic Policy on R&D Investments

The communications industry is characterized by rapid technological progress, and the number of Anritsu’s R&D themes in the mobile test and measurement field is increasing at an accelerating rate of speed. Under the circumstances, the Group is working to increase investment efficiency by using R&D investment management methods based on KPIs that emphasize returns on investment.

Specifically, our KPI target index for R&D investments is an R&D ROI (gross profit/R&D investment value) of 4.0 times or higher.

R&D Expenses by Business Segment



Major R&D Achievements

- Strengthened functions for testing solutions for mobile device development and production  
Solutions for LTE-Advanced (FDD/TDD)
- Test and measurement devices for network infrastructure:  
New Product Release: Network Master Pro/Flex
- R&D related to expansion of electromagnetic wave resources for the Ministry of Internal Affairs and Communications:  
High-level testing technology for weak signal wireless transmission in the range over 100 GHz
- Solutions for detecting contaminants in food products and pharmaceuticals:  
New Product Release: X-Ray Detection Devices, Metal Detectors

Global R&D Network



## ■ Strengthening Global Collaboration and Realizing Synergies



**Toshihiko Takahashi**  
Senior Vice President  
Chief CTO, Environment,  
and Quality Officer

In our Corporate Philosophy, the phrase “Original & High Level” refers to key concepts supported by our continuing commitments to creativity and innovation. We operate R&D centers not only in Japan but also globally, including the United States, Europe, and the rest of Asia. Each of these centers has its own field of strength. We achieve synergies through global collaboration as we work to draw on these respective strengths and continue to hone our capabilities from the perspectives of both software and hardware.

Appropriate to a company with some 120 years of history, at Anritsu’s R&D centers in Japan, we have raised to a high level the comprehensive capabilities of systems that integrate our advanced hardware and software. In our European R&D center, along with our strengths in developing software, we are taking the maximum advantage of the center’s location in Europe, where the unification of communications standards is quite advanced, and are accessing the latest trends in standards to provide a competitive advantage in development. In the United States, we are able to respond proactively to the demanding requirements of customers who seek quick access to information and solutions regarding IT utilization. On balance, we have the staying power to provide reliable results at a very close range to our customers.

Anritsu technical personnel regularly engage on the visions and aspirations of their customers, and are fortunate to be able to refine their own skills and knowledge as they respond to customer needs. Many of our technical personnel have had extensive careers with Anritsu, which contributes to their sense of professional achievement.

## ■ New Global Headquarters Building Completed during Anritsu’s 120th Anniversary Year

In 2015, Anritsu marked the 120th anniversary of its founding. To commemorate this milestone in Anritsu’s business history, the Anritsu Group completed a new global headquarters in Atsugi, Japan that is now the core of our operations. Our new headquarters building has a total of 28,000m<sup>2</sup> of floor space, housing our headquarters operations, a test and measurement R&D center as well as marketing and administrative divisions. Home to a total of about 1,000 employees, our new headquarters has been designed to foster an intellectually creative environment inspiring innovation and co-creation with our customers.

Featuring state-of-art security systems, our global headquarters building also incorporates the latest earthquake-resistant construction, thereby increasing safety. Aligned with our business continuity plan (BCP) readiness, the new headquarters has emergency electric power sources that can operate for 144 hours (six days) without external power inputs.

The new building was designed with the conservation of the natural environment fully in mind. Environmentally conscious aspects include the installation of a light shelf natural ventilation system on the windows of the north-south wing and other features that make it a comfortable place to work while also reducing the burden on the environment. As a result of initiatives to bring environmental issues to the fore, the building is equipped with LED lighting fixtures that incorporate environmentally attuned sensors to control light intensity and sense the presence of human beings. Under the CASBEE Kanagawa evaluation scale (which ranges from S, A, B+, B-, to C) for building planning and systems that respond to the need to address global warming, the new headquarters building received the highest S ranking.

