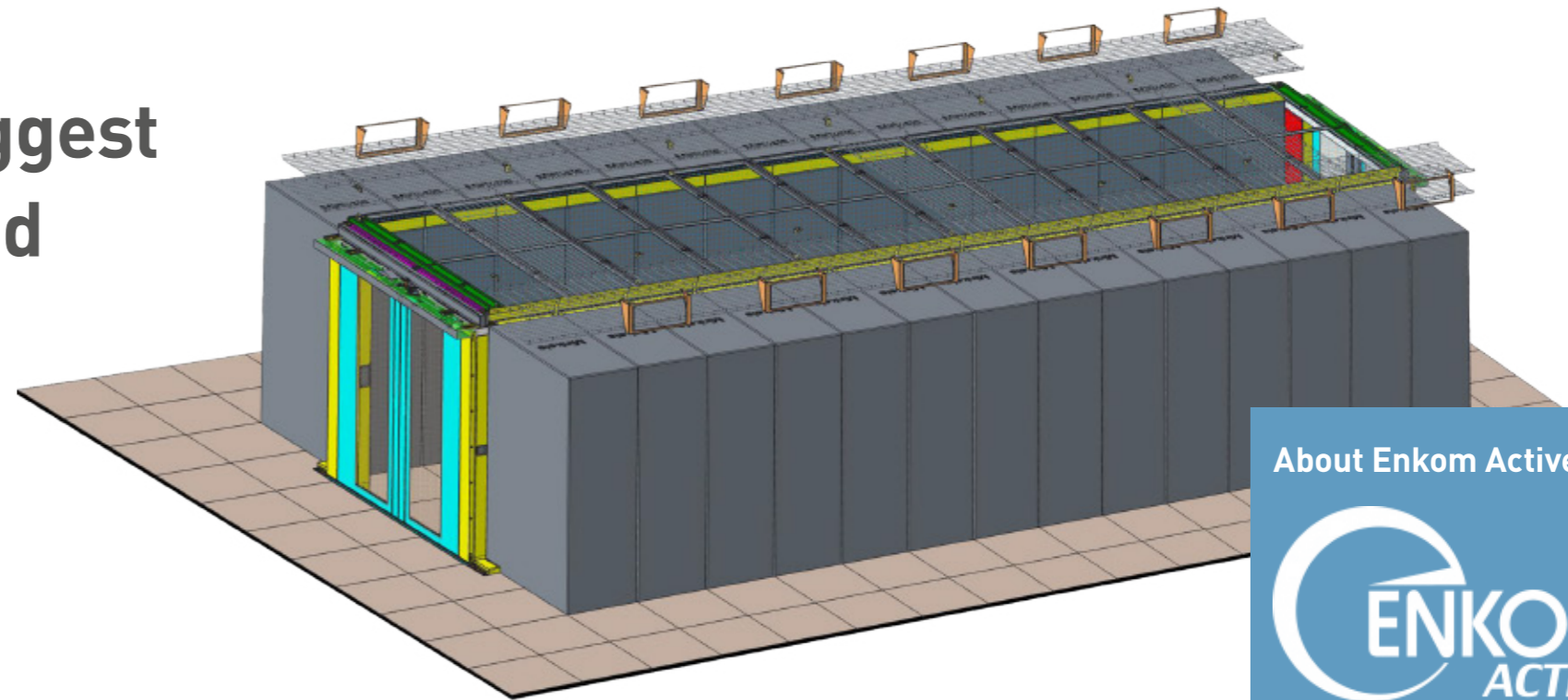


# tieto is expanding the biggest commercial data centre in Finland

Today, more than 150 large Nordic companies and organisations use Tieto's cloud services. Additionally, Tieto has several hundreds of data centre customers and multiple data centres in Finland, Sweden and Norway. In response to the growing amount of data and the demand for stricter security measures, Tieto is currently expanding Finland's largest data centre in Espoo by thousands of square metres. Erwin de Bont, Vice President, Infrastructure and Platform Services at Tieto and Tom Grönqvist (Senior Technical Architect) of Tieto discuss this innovative project.



## About Enkom Active Oy



Enkom Active Oy is a value-adding distributor of electromechanical products, communication systems and fibre optic equipments. Their business foundation is based on excellent products and smooth logistics. However, their true added value is coming from customer understanding, product knowledge and from close partnerships between customers, themselves and suppliers.

Enkom Active Oy was created when Enkom Oy and K&K Active Oy joined operations in 2015. Both well established players in their fields of experience and both part of the Swedish Lagercrantz Group. Lagercrantz is a technology group that offers world-leading, value-creating technology, using either proprietary products or products from leading suppliers. Lagercrantz is active in seven countries in Europe, in China and the US. The Group has more than 1,200 employees and a revenue of approximately SEK 3 billion. The Company's shares are listed on Nasdaq Stockholm since 2001.

### INCREASING AMOUNT OF DATA

The Espoo data centre opened its doors in 2011 and was first provided with a 10 million euro expansion in 2014. The investment budget of the current expansion project is approximately 17 million euro. But why is Tieto constantly expanding? "The amount of data is increasing exponentially", says

Ekström. "Each image taken or sent through e-mail is saved to a server in a data centre. Companies are starting to use larger amounts of data for more efficient operations, for example, by introducing predictive analytics-based capabilities. As a result, the demand for local and secure data centre services is on the rise."

### EVER-GROWING SECURITY REQUIREMENTS

In the coming years, legislation related to the protection of privacy will become quite strict, for example, with the addition of the EU's General Data Protection Regulation (GDPR). "Tieto's data centres in Finland are able to respond to the ever-growing security requirements particularly well.

Tieto's data centres are already able to offer a service environment with an elevated level of data security for the preservation of sensitive data." And this is important to Tieto's customers. "Companies and organisations are increasingly interested in where and how data is stored. The European Union's General Data Protection Regulation for all companies comes into force in May 2018. Then each operator involved with data must be able to indicate where the end-user data is stored. In particular, it is important for our governmental agency customers that citizens' data are stored within the borders of Finland."

### RAPID GROWTH

The safe location of the data centres, as well as the long-term development of innovative technology have enabled the rapid growth of Tieto's cloud services. In the third quarter of 2016, the use of Tieto's cloud services increased by 29%. "Tieto is not only expanding and investing in security measures<sup>1</sup>. We are also investing in environmentally friendly energy solutions and services, such as virtualisation and cloud services, in all of our data centres. With our services, our customers modernise

their applications and IT infrastructure but they also innovate and renew their business in a sustainable way."

### PROJECT CONSTRAINT: LOW CEILING, CUSTOMER-SPECIFIC SOLUTION

Tieto will get access to its new premises in stages between 2017 and 2022. Minkels and its partner, system integrator Enkom Active Oy are committed to realising this innovative expansion. "Minkels and Enkom offered us a true customer-specific solution", says Tom Grönqvist, Senior Technical Architect. "We had to deal with a limited height for the first data room, i.e. 2.5 meters from the raised floor to the ceiling. We had to fit the cabinets, a cold aisle containment system, cable management and patch panels on top of it. That's why we started looking for a supplier that could provide a customised solution package. Legrand, Minkels and Enkom were convinced that they could design a solution that would fit under the ceiling. And they have succeeded! Right now, we are in the process of building six data rooms with corridors that are supported by cabinets with cable management above – just like we requested." ■

## About Tieto

In a rapidly changing world, every bit of information can be used to provide new value. Tieto aims to capture the significant opportunities of the data-driven world and turn them into lifelong value for people, business and society. Having a strong role in the ecosystems, they use their software and services capabilities to create tools and services that simplify everyday life of millions of people; to help their customers renew their businesses by capturing the opportunities of modernisation, digitalisation and innovation and to foster new opportunities based on openness, co-innovation and ecosystems.

Building on a strong Nordic heritage, Tieto combines global capabilities with local presence. Headquartered in Espoo, Finland, Tieto has around 13,000 experts in close to 20 countries with a turnover of approximately 1.5 billion euro. Tieto's shares are listed on NASDAQ in Helsinki and Stockholm.



<sup>1</sup> Tieto was the first supplier in Finland to receive heightened data security certification from the Finnish Communications Regulatory Authority (FICORA) for its data centre services.