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# What's the next big thing in telecom and media?

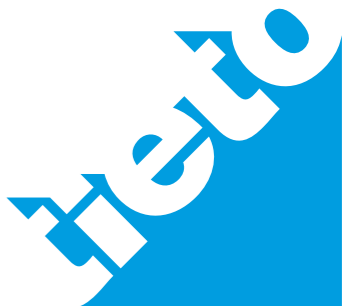
Chances are we're already working on it!



**Tieto** is the leading IT service company in Northern Europe providing IT and product engineering services. Our highly specialized IT solutions and services complemented by a strong technology platform create tangible business benefits for our local and global customers. As a trusted transformation partner, we are close to our customers and understand their unique needs. With more than 17,000 experts, we aim to become a leading service integrator creating the best service experience in IT.

Knowledge. Passion. Results.

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# Take on the challenge with red-hot services.

Today the telecom business is being challenged by new entrants. Can you measure up to this? Of course you can, since being successful is a matter of being able to put the right services on the market and having the right friends to make it work. Now, this is easier than ever before.

With a strong footprint in the new cross-industry cloud based ecosystem Tieto is the leading enabler of your value creation network. Via cross industry and third party services provided from the Tieto Cloud, telecom companies have a "launch-pad" for services.

This enables telecom companies to accelerate time to market with smart, flexible, cost-effective services that contribute to your operation and to your profit.

**A leading Swedish technical consultancy, was seeking a Unified Communications & Collaboration solution to improve their employees' ability to work together faster, easier and more efficiently. But a key element was missing: tight integration of fixed, VoIP and mobile telephony to meet their communication and collaboration needs. Tieto and TeliaSonera partnered to provide the customer with a single voice solution.**

**Voice is a critical component of UCC**

In today's fast moving business world, IT and voice solutions must blend together in one common infrastructure, in order to be able to react to the changes that today's business world demands. Unified Communications & Collaboration (UCC) solutions are all about exchanging information both from end-users but also on a machine-to-machine basis. This drives the need for integrated solutions where no part is isolated. Voice is a critical component of UCC but often the least integrated part of the IT-infrastructure.

Two years ago, the customer decided to invest in a Microsoft solution, including Exchange 2007, OCSR2, Mediation, CWA and EDGE servers. A year later, a key element was still missing: tight integration of fixed, VoIP and mobile telephony to meet their communication and collaboration needs.

**The customer was provided a single voice solution**

Tieto and TeliaSonera collaborated to reduce complexity in VoIP and fixed telephone networks by providing the customer with a single voice solution. The benefits include easier collaboration, higher voice quality and helping the customer to focus on their core business by having a single service provider interfacing as the development partner.

Tieto has a deep knowledge of IT for enterprise but also a deep relationship with network equipment providers and telecom operators. One crucial component for integration is the mobile telephone, and Tieto has a unique partnership

with Microsoft that enables this crucial integration both today and in the future. Combining Tieto's knowledge of IT-outsourcing with telecom core infrastructure and R&D makes it possible to build a solution that enables new functionality and support enterprises in their UCC journey.

Many enterprises are in the process of moving IT/Voice into cloud technology. We understand that this will be the way of the future, but we can also see that the need for on-site solutions will remain for some time. Regardless of which solution is best for the end customer, Tieto can work together with network equipment providers and telecom operators to build a solution that delivers value today and tomorrow.

“

People can easily adopt new ways of working when the introduction of tools is almost invisible, meaning that there is no revolution in everyday work, merely an evolution ”

*A leading Swedish technical consultancy*

Results in brief:

- Mobile phone with fixed number as primary and only phone for 95% of employees
- Voice as a service from TeliaSonera
- IT and Workplace outsourced to Tieto

# What's the key to success in new market segments?

Talk to the IT company with go-to-market partnerships.



**Telecom operators and service providers are facing increasing competition for subscribers. Tieto can provide its customers with an end-to-end marketing and business intelligence solution and service to prevent churn, increase sales and generate growth, by systematically utilizing the subscribers data.**

Telecom operators and service providers can retain their subscribers' loyalty by systematically running targeted marketing campaigns based on advanced customer intelligence on top of operator's customer data.

By providing targeted promotions and benefits to subscribers that are most likely to switch provider in the near future, churn in the existing customer base can be reduced, bringing short-term revenue and improved attrition rates.

ARPU (Average Revenue Per User) can also be increased by effectively up-selling and cross-selling the operator's other products and services relevant to each subscriber, effectively based on the advanced customer intelligence and segmentation.

In addition to the operator's own marketing, our solution provides a complete platform for external advertisers to run campaigns aimed at the operator's opt-in subscribers, which can generate growth and new revenue streams from ad-funded services.

The solution consists of the following components:

**Advanced business and customer intelligence:** Analyze customer and transaction data from multiple sources, and use predictive modelling in order to identify and generate accurate customer segments for targeted marketing.

**Multi-channel digital marketing and advertising:** Tieto's digital advertising and marketing solution enables easy and fast creation, management and tracking of targeted campaigns on multiple channels, utilizing the target segments generated by the advanced business and customer intelligence.

**Reduce time-to-market and pay-as-you-grow**

The entire solution can be run as a service in **Tieto Cloud**, enabling a quick time-to-market, cost-efficient operation and attractive pay-as-you grow business models.

Tieto is a one-stop-shop that can provide a unique combination of business and customer intelligence solutions and services. We offer a cutting-edge multi-channel digital advertising and marketing platform, operator BSS and legacy system knowledge, as well as world-class system integration capabilities.



*Tieto has managed to combine and package its leading-edge capabilities and offerings from business intelligence, digital marketing and advertising, system integration and cloud services in a unique way to provide great value to our customers.*

Pentti Unkuri, Head of customer segment Digital Media, Tieto

**Results in brief:**

- Reduce churn in the existing customer base
- Increase ARPU by effectively up-selling and cross-selling operator's other products
- Generate growth and new revenue streams from ad-funded services

# Can you reduce churn and generate new revenues at the same time?

Of course, if you utilize our multi-channel digital marketing solution.



The quest to capitalise on digital marketing is on. There is a need to reduce churn, improve attrition and increase ARPU. This can be achieved through automatic analysis of customer data and predictive modelling in a multi-channel platform. You can create, manage and track campaigns in multiple channels, via cloud based solutions. This makes the integration seamless and smooth.

**The success of Android is evident to all. However, is it really so that one flavor suits all? How can you as an OEM or Operator, stand out from the crowd of Android devices and not fall into the trap of competing on price only?**

Tieto has been active within Mobile Linux for a long time, and we have a wide Android footprint working with OEMs, Silicon vendors and Telecom operators to bring out new thrilling devices. We focus especially on how we can help our customers to bring differentiated Android devices to market. Our Android scope of expertise is wide and covers low level adaptation, middleware as well as user experience, applications and mobile cloud services.

**Tieto brings connectivity differentiation to Android devices.**

In a world of open platforms, where a consumer's experience can tend to be homogenous across brands, smart differentiation is the key to success and maintaining brand value. One of our customers – a world leader in the development of mobile phones – required a differentiated Android based Smartphone released with a time-to-market advantage.

The challenge was to find a partner who could help develop these features as new profiles in the native Bluetooth protocol stack of Android (BlueZ), and within a very challenging time schedule. The customer's own R&D resources were backed-up with current and future developments and they did not have the luxury of writing detailed specifications for a supplier.

**Tieto took complete responsibility to deliver the Android solution as a turnkey**

Tieto suggested a solution that enabled our team to deliver on time, and without adding any overheads to the customer's R&D departments. We took complete responsibility for delivering the solution as a turnkey, by developing it at one of our global R&D centres that is dedicated to

connectivity expertise.

What's more, since we already have the complete environment for executing certification tests, the solution was delivered in a ready-to-deploy state. With our global delivery model we were able to develop and deliver the solutions from our own R&D centre in a very efficient way, and with minimal input from the customer's R&D departments.

Android is a strategic platform for Tieto – a natural extension to our mobile devices offering, where we have an unparalleled knowledge of the ecosystem. Our deep experience and involvement with the open source movement (we have been involved with Telecom Linux for over a decade), means that you have a partner you can trust.



“

We are very impressed in how the solution was delivered as a turnkey in a ready-to deploy state with a minimal input from our R&D department.

”

Results in brief:

- Smart product differentiation
- Competitive time to market
- Delivered risk free with required quality
- Delivered ready for certification software

# How do you make your device stand out from the crowd?

Easy, let us have a go at it.



**MeeGo is making its entry into millions of people's lives as it is set to fundamentally challenge today's smartphone contenders. MeeGo was founded by Intel and Nokia, by bringing the Moblin and Maemo project into a new open source platform. The aim is to target mobile handsets as well as a wide array of other industries including consumer electronics and automotive.**

Tieto has been involved in the roots of MeeGo for a long time, working across the platform with kernel adaptation, middleware, applications and widget development as well as the Touch Framework and UI. Furthermore, we have more than 400 trained Qt professionals that can help you with everything from creating an astounding MeeGo user experience to optimizing the Qt performance in your device.

#### **Tieto brings Mobile telephony into MeeGo**

The MeeGo Open Platform enables the creation of devices for different segments and industries, with handset devices being the toughest and most demanding segment due their extensive telephony requirements.

Our customer's challenge was to deliver a MeeGo handset reference implementation with complete telephony functionality. As our customer's MeeGo telephony partner, Tieto could deliver risk free, continuously, with the required quality and with a very short time to market.

#### **The solution was delivered as a productized service**

By using world class MeeGo telephony adaptation (oFono) competence, our mature Global Delivery Model with both onsite and remote teams, and our Engineering Toolbox, we completed the MeeGo telephony adaptation solution to the required schedule and required quality. The solution was delivered as a productized service by providing project

management, development, quality assurance and integration.

With our 15-year track record of working with leading mobile devices manufacturers and business enterprises, we are well equipped to build the MeeGo solutions of the future. Our scope of expertise is wide, working from baseband solutions, middleware and applications all the way up to bringing unique user experience and even mobile cloud services to our OEM customers.

MeeGo



Tieto's MeeGo and telephony expertise made it possible for us to meet our OEM customers' very tough delivery schedule as well as to embed a very solid and high quality telephony solution to our platform offering. ”

#### Results in brief:

- Time to market improved by meeting customers' tough delivery schedule
- High quality delivery, ready for OSS contribution

# How do you make MeeGo fly?

## Easy, talk to us.



**The Finnish Broadcasting Company YLE wanted a media portal service especially for young adults. One of the main requirements was to be able to produce the content only once and then distribute it through several channels. Tieto helped YLE to build a media portal platform that streamlines production and cuts costs.**

YLE, Finland's national public service broadcasting company, operates four national television channels, six radio channels and services complemented by 25 regional radio programmes.

YLE wanted to provide media portal services (YLE Areena) for all demographics, but especially focusing on young adults, who are used to consuming content through a variety of channels and terminal devices. YLE also wanted to restructure programme production for multi-channel delivery, in order to reach the target audience in more depth.

#### **Same content for different devices**

Tieto developed the platform together with YLE and other third parties and implemented most of the integrations to production and support systems. Tieto also took the responsibility for taking care of the continuous maintenance of the solution.

The platform enables media to be run in different devices. Currently, the supported device platforms are:

- Connected TV: tailored solution for Sony Bravia TV sets and operator catch up TV services
- Mobile phones: Symbian, Android and iPhone platforms
- Game consoles: Sony Playstation 3 platform
- Tablets: iPad platform (demo version)

#### **In depth competencies in the broadcasting business**

Tieto has the capabilities to design, implement and provide managed services for multi-channel

delivery. Tieto has been developing high capacity and high availability services for both news and entertainment since 2003. These services have been proven to work even in news catastrophe situations, when many other services are down.

Based on previous positive experiences, YLE was already aware of Tieto's in depth competencies in the broadcasting business, as well as our service model and knowledge of their processes.



Key to Tieto being chosen for the YLE Areena project was the knowledge of their processes and tools, as well as our competence in architecture design. ”

Eero Kytölä, Head of customer segment Broadcasting, Tieto

#### **Results in brief:**

- YLE is able to deliver the same content so several channels (multi channel delivery)
- Production becomes more cost effective
- YLE can position itself better in the market, with a more modern brand image

# Is there any smart way to distribute content in several channels?

Yes there is, just press Enter when ready.



Today, the media landscape is fragmented and the audience decides when and where to consume content. The solution is for broadcasters is multichannel delivery to reach the target audience on their terms. The added benefit of lower production costs and more creativity in programming and production is there as well.

# The leading service integrator creating the best service experience in IT

**Tieto provides professional services and solutions for some of the world's leading telecom operators, connected device manufacturers, network equipment providers and media companies.**

## **Telecom Operators – Take on the challenge with red-hot services**

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## **Network Equipment Providers – gain the best Total Cost of Ownership**

With one stable business driven interface close to our customers and our Global Delivery Model we can support you in every step of your product life cycle, to improve your Total Cost of Ownership (TCO).

Lead-times and quality improvement will also improve your business growth. With Ericsson, Nokia Siemens Networks and Alcatel Lucent as our key customers we are a leading R&D supplier within the network equipment providers segment.

The telecommunications industry is maturing – turning from technology push to customer pull. In order to meet the new market demands, Network Equipment Providers (NEP) have to move from equipment to solution providers.

Whether you want to design technology platforms that promote faster development of service offerings, cut management and administrative costs in development and operation, align product and service development effectively or make use of our unique multi-vendor expertise in system integration for the customer's customer – we are the partner of choice.

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## **Connected device manufacturers – Build tomorrow's user experience in connected devices**

The open source phenomenon in mobile technology has put innovation on a fast track with platforms such as Android, Meego and Symbian. The upsurge in the adoption of applications, services and social media

on mobile has added a new dimension to today's connected devices. Tieto is the vendor of choice for the leading names, ranging from semiconductor and chipset vendors to device manufacturers and telecom operators.

Our expertise in mobile technologies, service design & creation, open source and digital media solutions can help you to differentiate. You can also benefit from our unrivalled innovation, efficiency and operational capability, with world-class competence in MeeGo, Android, Symbian and Qt as well as integrated end-to-end mobile Internet services.

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## **Media Houses – Get ahead in the media race**

The new digital services ecosystem offers new ways to interact, profile and gain direct access to consumers. We combine solid industry expertise with a profound understanding of new technology to provide the best value for customers.

Tieto's experience in media and telecom helps customers to turn innovative ideas into action. Our in-depth knowledge of platforms and trends ensures cost-efficient development of new services. Allowing Tieto to manage IT infrastructure lets media companies focus on their core business, making them more efficient.

Whether you want to accelerate development in new channels and business models, optimise resource usage with crossmedia solutions or reduce risk and costs – we are your partner of choice. Our strong position in the industry and our global know-how help you to get ahead in the media race.

## **Broadcasting companies – Benefit from the best of both worlds**

Internet and mobile behaviour is heavily affecting the technologies and business models of broadcasting actors. And when the industry is changing it is time to look for high ground and those rock solid companies that can support you and your business. A partner that helps you to catch opportunities and foresee challenges. Enter the world of Tieto.

Tieto helps to optimize, renew and maintain the production, management and multi-channel distribution of radio and TV content & advertisements. And has done so with a solid track record of more than 40 years of ICT services combined with an unmatched expertise and experience in the field of broadcasting services.

Benefit from the fact that we utilize innovative and reliable IT solutions and services, and work closely with a broad network of international partners. The world of Tieto is all about delivering growth, efficiency and tangible results to broadcasters.

**Providing good service can be difficult when companies have a number of lightning-fast communication channels at their disposal – when customers first contact the company by e-mail or chat and then call about the same issue, for example. If customer services have an IT solution that connects all the information and makes it easy to find, it becomes easier to give customers the right answers faster – and to keep their promises of quality service.**

When one of Europe's leading mobile operators was looking for a solution for handling customer service operations, we created a centralised platform for customer care management using several channels.

**Smart service management for 30 million customers**

This platform dramatically enhances the ability of companies to keep promises of quality service. Customer services have access to “all the facts” when a customer contacts them. In addition, it becomes possible to handle a great many issues during quieter periods as well as between calls, thanks to a specially designed distribution method.

Instead of placing personnel in difficult situations and customers in telephone queues, the IT platform helps to facilitate and improve customer service, ensuring there is a steady and efficient flow of problems solved and issues handled.

**Green light for intensified customer focus**

The solution shows that thousands of employees can be given immediate access to the information they need. Customer service questions and issues are dealt with quickly, with high quality and in the same order as they come in, or according to their classification and grade of priority.

However, these changes are not only about supporting daily work processes and making them more efficient. In fact, implementation of the IT solution has been conducted in combination with efforts to change attitudes and behaviour and has resulted in entire operations becoming much more sharply focused on the customer.



The opportunity to map rapid changes in the process and just as rapidly to integrate them within the IT solution was one of the major motivating factors behind the development of the platform.



Global operators customer

**Results in brief:**

- Customer satisfaction index up by 25% after 6 months
- 3% increase average revenue per user after 4 months
- Higher degree of utilisation by customer services personnel
- Number of promises of quality service that are kept have increased dramatically

# Tired of telephone queues?

Talk to the IT company with all the answers.



**A major Nordic communications service provider was looking for a reliable, proactive, cost efficient and highly skilled business partner for their processes and IT, a partner who would be able to demonstrate a deep understanding of their business challenges and needs. By strengthening the partnership, Tieto was made responsible for part of their application management services.**

**Support the strategy to become a more unified company**

The service provider is currently undergoing a transformation towards a highly integrated process based organization, which implements their long-term strategy to become a more unified company. In the area of Processes and IT, the structure and responsibilities of the vendors did not reflect the strategy, and working practices were optimized for a silo-based organization. The scattered IT architecture and services were operated based on several SLA's. As a result, the quality of IT was not optimal from an end-to-end business process perspective. That was clearly reflected in a poor user experience for the internal users and high OPEX and quality costs.

**Application management services reflect Tieto's core competencies**

Tieto was able to demonstrate outstanding knowledge of the service provider's processes and capability to build service deliveries based on their business processes, end-to-end. By strengthening their partnership Tieto was made responsible for part of their application management services.

The applications concerned are used in mobile, Internet, and customer relationship management services, as well as orders and deliveries, support processes and digital customer services. In addition, Tieto's Business Intelligence services supports the service provider's entire business and decision-making process.

The application management services reflect Tieto's core competencies and we offer these services at our centralised service centre. We will also continue to develop the applications in collaboration with the service provider.

“

Tieto's ASM Service Model is convincing in its cost efficiency, agility and flexibility. With Tieto, we achieved significant cost savings for processes and IT. Furthermore, we really appreciated Tieto's customer centricity and intimacy that are the key success factors for a sustainable partnership. ”

A major Nordic communications service provider

Results in brief:

- Number of service incidents reduced by 75% within 11 months
- Fast application development focusing on client's cost-efficiency
- Reliable operation of products and services
- Services with high quality, efficiency and high integrity

# Do you believe in outsourcing?

Talk to the IT company that other companies believe in.



Tieto is the premier choice for outsourcing and is often ranked as the top outsourcing service provider.

**Over 400 European newspapers and magazines are produced with the help of IT solutions from Tieto. For many media companies advertising revenue is one of the most vital aspects of their operations. This is certainly the case for one of Sweden's largest media consultancies, MittMedia. They use Tieto's advertising system, "Cross-advertising", to enable advertisers to reach their different target groups in various ways.**

MittMedia publishes 17 magazines and reaches 700,000 readers daily with advertisements in paper magazines, internet magazines and mobile news services.

#### **One system – several media**

MittMedia had developed its advertising from newspaper advertisements to banner ads, radio advertising and mobile ads but there were still further opportunities for development. Valuable time that should have been spent on sales was being used to manage bookings in the different administrative systems. Tieto's proposal was a flexible and scalable solution that could be used to manage every facet of advertising.

#### **Integrated and all-encompassing need not be complicated**

MittMedia currently uses about 20 modules from Tieto's Cross-advertising system, to integrate work processes such as booking, ad production, statistics and invoicing. Administration is minimal and invoicing is much faster. In addition, this complete solution means that it is easier for sales personnel to offer several media combinations. And since sales staff can book a whole advertising campaign in one place in the system it is much simpler to extract statistics on advertising revenue.

#### **Less administration, enhanced customer service**

Besides the advantage of having less administration, advertisers can count on better service. This

enables more time for selling and more accurate statistics for different media combinations, which results in more effective advertising efforts. It is quite simply a good investment for everyone. MittMedia chose Tieto's solution after seeing how the multi-channel system can be adapted according to changes in the advertising market. On top of this, our commitment to MittMedia's business development and the fact that we are the market leader within multi-channel systems for media consultancies were both highly significant factors.



None of us have all the answers to what the future holds for the advertising business but together we are continuously working to improve our solution for managing the business of advertising. ”

Jan-Olof Strandberg, Strategic business developer, MittMedia

### Results in brief:

- Increased revenues
- Less administration
- More time for selling
- Better advertising service
- Better statistics

# How do you manage ads in print, online, IPTV and mobile?

Easy, do it all at once.



**Nokia Siemens Networks was facing a volatile scenario of various different tasks to be delivered in time and with the highest quality. They turned to Tieto as their trusted partner, and we supported the project with unique R&D expertise.**

Nokia Siemens Networks and Tieto have a long working partnership. When Nokia Siemens Networks needed to upgrade from Charging Gateway to Charge@Once Mediate for their customer TeliaSonera in Finland, Tieto assisted – not only for related integrations, deployments and integrations but also for troubleshooting and general configuration improvements.

Since Nokia Siemens Networks had already outsourced some 45 people in related R&D activities, Tieto was a natural choice. While working on the project with great flexibility, Tieto was able to solve several hardware configuration problems. The project implementation for many different tasks was carried out smoothly and at a competitive price level.

#### **Unique R&D expertise for the product**

As Tieto provides unique R&D expertise for the Charge@Once product we are not only able to deliver related integrations, deployments and integrations but also troubleshooting and general configuration improvements. Customers also enjoy the advantage of being able to access our product experts whenever they're required. Tieto can often improve Charge@Once Mediate configurations to be more efficient, exploiting fully the Charge@Once Mediate software capabilities and enabling easy maintenance.

With Tieto's competitive pricing based on the remote project set-up in combination with our in-house competence and fast implementation we look forward to solving similar upgrades on a global level.

“

We were positively surprised how well things worked after the hardware environment had been installed. We got resources on our site when needed, and workflow was built fast. Tieto also had a good tool for mass testing and we got an excellent report about the performance of the system. There was one thing that took a little bit longer than we expected and it was the solving of the node alive problem between GGSNs and Charge@once. ”

Aki Kaski, Development Manager for Charging, Mediation and Wholesale at TeliaSonera

#### Results in brief:

- Secured the operational expenses of the overall project
- Reduced costs and time to market by implementing a more efficient way of working
- Increased end-customer satisfaction

# Do your upgrades always lead to improvement?

Talk to the IT company that only changes for the better.



**Tieto recently reduced one leading network equipment provider's delivery testing time from one week to just 12 hours. Our smart sourcing solution helps telecom companies to bring about huge resource efficiencies, providing a better return on their R&D investment.**

The telecom network market is maturing – turning from technology push to customer pull. In order to meet the new market demands, network equipment providers have to get a greater and faster output for their investment. To achieve this, they need the flexibility for fast ramp up and down with the right competence in order to reduce cost base, improve productivity and quality, shorten lead times and optimize the utilization of personnel, equipment and management costs. Tieto's global delivery capabilities have been integrated into the smart sourcing concept, which provides our customers' with a world class delivery machine.

**From one week to 12 hours**

One of our customers had quality problems in their deliveries and there was a need to run the test processes faster and more efficiently. Tieto increased the coverage for regression test from 15% to 70% and the time for testing decreased from one week to 12 hours. This allowed the customer to know the quality of the delivered products.

**Ramped up 50 experts in 5 months**

Another customer was short of resources with the right competence within the LTE BTS development area and searched for a solution that required resources mainly in China. Tieto ramped up 50 experts at several sites in less than 5 months. This allowed the customer to deliver the LTE product on time with excellent quality.

**Increased the quality**

A third customer had a shortage of resources for development of WCDMA Node B and at the same time delivery and quality problems. Tieto increased the quality which affected the project KPIs, improved the quality of the system and turnaround time for corrections, at stretch level.

**First-class R&D competence**

Tieto's long-standing and deep customer relations have given us the opportunity to develop our competences, processes, environment and tools. Tieto have accomplished comprehensive first- class R&D competence in Access, Core and Service Network, Multimedia, OSS and BSS area.

“ Very quick in resource ramp-up, recruited good persons with relevant background. Excellent project planning. ”

Global network equipment provider

**Results in brief:**

- test coverage for regression test increased from 15% to 70%
- time for testing a delivery decreased from one week to 12 hours
- 50 persons ramped-up at several sites according to plan in less than 5 months

# Not enough hours in the day?

Talk to the IT company that can turn 7 days into 12 hours.



## Tieto in **numbers:**

**#1**

For outsourcing in the Nordic region  
For Telecom R&D in Europe

**26**

Operating countries

**114**

Telecom networks use Tieto Signaling Solutions

**407**

Newspapers and magazines in Europe  
are produced using Tieto IT solutions

**6,130**

Media and telecom experts

**16,215**

IT experts

## The search for growth and the need for efficiency

Tieto is a leading service integrator creating the best service experience in IT. Our team of more than 6,000 telecom and media experts has unrivalled expertise in delivering growth, efficiency and tangible results.

Tieto have the world's leading mobile network integration capability and with over 20 years of mobile network & device R&D experience we are well prepared to build the telecom and media solutions of the future.

