

PRINT PORTFOLIO

Case Studies





Smart metering communications service.

Argiva was chosen to provide the smart metering communications service for Scotland and the north of England because our proven technology was ideally suited to connecting meters first time, wherever they are

Smart metering promises to deliver over £6 billion in benefits to homes and businesses nationwide. Smart puts consumers in control of their energy use and will help utilities and households to save money. It is an integral part of Britain's digital, energy efficient future and a stepping stone towards smart energy grids, smart homes and smart cities.

Our communications service has a vital role to play to ensure that smart metering is a success:

- Connecting meters wherever they are, including deep indoors
- Single installation visit to each home
- Proven technology suited to unique British requirements will reduce rollout risks
- Resilient so that energy suppliers can provide high quality smart metering services

Communications service for the North region

Argiva is the communications service provider (CSP) for Scotland and the north of England. This forms part of the wider data and communications service provided to energy suppliers and other outsourced parties by the Smart DCC, due to go live from the Q4 2015.

- We are building a new smart communications network for the North region of the UK
- Using existing communications sites wherever possible
- Covering 10 million homes and small businesses
- A communications hub for each home to connect to smart electricity and gas meters


Map Key

- Edinburgh
- Glasgow
- Newcastle
- Leeds
- Manchester

£6 billion

Benefits to homes and businesses nationwide

Fact sheet



Proven technology **Benefiting industry and consumers**

Our highly successful trial with Argiva has shown how almost all smart meters, even in hard to reach locations, can be successfully connected with a single installation visit using its long range radio communications solution alone."

Andreas Ward, Operations Director, ScottishPower

Argiva and our key partners are using smart metering technology that has been implemented at scale internationally and proven to work well across Great Britain:

- Over 16 million smart meter and grid devices deployed using long range radio (LRR) communications technology by our partner Sensus, working with over 200 utilities
- EDMI, who will supply our communications hubs, are a leading smart metering technology provider who have previously been chosen by energy suppliers to provide the majority of smart meters for large businesses in Great Britain
- Argiva, Sensus and EDM I worked successfully together on smart metering communications trials in Great Britain
- Over 99% first time communications connection was achieved in our GB smart metering trials

The success of the smart metering programme will depend, above all, on the experience and benefits it delivers to consumers. The installation of smart meters in every home will be seen as a 'moment of truth'; a positive experience will improve utilities' relationship with their customers and help to rebuild trust. Ensuring that smart meter data is available to households whenever they want it will also be an essential part of encouraging people to use less energy.

Our communications service will play an important role in delivering a positive experience for consumers and the best result for industry. We are working closely with the Smart DCC, energy suppliers and other stakeholders to deliver a high quality service for industry and consumer alike.

Find out more at www.argiva.com or contact us on smart@argiva.com

About Argiva

Argiva, the communications infrastructure and media services company, operates at the heart of the broadcast, satellite and mobile communications markets. The company is at the forefront of network solutions and services in the digital world. Argiva provides much of the infrastructure behind television, radio, satellite and wireless communications in the UK and has a significant presence in Ireland, mainland Europe and the USA. Customers include major broadcasters such as the BBC, ITV, Sky and the independent radio groups, major telcos providing including the UK's four mobile network operators, and the emergency services.

www.argiva.com



3T Group **Case Study No.4**

JCB benefit from 3T's 'extensive logistics knowledge'

Set up in 1945, JCB is a British success story, with 18 factories and over 2,000 dealer depots worldwide. Good customer service and support has always been the core focus of its business model and JCB Service, the division responsible for providing replacement parts, aims to support 95% availability of all requests within 24 hours through its global distribution network.

Digging deep. Cost reduction initiatives became a priority for JCB.

The 3T solution

Global Carrier Manager (GCM) was implemented in the French based European Parts Centre (EPC). A software tool developed in-house by 3T for its customers, GCM is designed to meet the specific transport management needs of any shipper. It facilitates the automation of all transport administration and optimises the transport plan. Introduction into the EPC consisted of six key elements:

- Carrier tender: to manage a European transport tender; identifying the optimum carrier partner for each service level and geographic region.
- Systems integration: to introduce and integrate GCM with the JCB order management and warehouse management systems, creating track and trace visibility for dealers. This system also provides a complete carrier invoice audit process ensuring the correct tariff is applied to each delivery.
- Ongoing transport control: to manage the transport operation, producing detailed monthly management reports including a breakdown of cost by dealer, carrier and service level.

As experts in transport management, 3T was first engaged to work with JCB Service in 2008. Whilst the service business had grown significantly since the year 2000, associated transportation costs had increased disproportionately. A drop in machine sales of 40% caused by the global recession also made cost reduction initiatives a priority. 3T was brought in to help the company understand these costs in more detail and to implement both cost reduction and service enhancement initiatives.

Areas for action included:

- Replacement of the transport management system in the European Parts Centre, ensuring effective carrier selection, track and trace and data capture.
- End of month financial reporting, which was based on carrier invoiced costs. There was no auditing or drilling down into the detail and accounts were presented by carrier invoice date rather than transaction date.

An understanding of the company's carbon footprint in the face of future carbon tax legislation.



On demand: JCB aims for 95% availability of all requests within 24 hours through its global distribution network

- Carrier integration: including label printing in the carriers' own formats. Each label is 'Digging deep'. Cost reduction initiatives became a priority for JCB. 3T Case Study No. 4 JCB benefit from 3T's 'extensive logistics knowledge'. On demand, JCB aims for 95% availability of all requests within 24 hours through its global distribution network has all the necessary transport information, reducing administration at the warehouse and carriers' hubs as well as providing end to end visibility to the point of delivery.
- Visibility for JCB dealers through a web dealer portal: this enables all JCB dealers to view their order status via the 3T website. Dealers can log onto their own private web page and search for their orders by date and reference. Accessible data includes information such as the date and time their order was received by JCB, when it was processed and delivered by the warehouse right through to delivery by the carrier, including which items are in each box.
- Management reporting: all carrier invoices are now audited automatically by 3T with reports produced on a monthly basis. These include standard cost per dealer and country and service level, as well as bespoke JCB reports such as cost per part category and cost to service each dealer. Sales invoices are imported into the system to enable 3T to calculate transport costs.

Stage Two – The World Parts Centre

After the model generated significant benefits for JCB it was rolled out to the World Parts Centre. The focus here was capturing accurate delivery and cost information to enable JCB to more accurately measure their transport costs and service with a view to introducing a programme of continuous improvement. This involved further integration with the WPC warehouse management systems plus additional carrier integrations.

Praise from JCB

JCB is delighted with the significant savings that 3T has introduced. As Chris Buckler of JCB explains, "Having worked with 3T at a previous company, I had no hesitation in seeking their expertise to review, implement and then ultimately manage our European transport."

"Through a process driven approach and by applying their extensive European logistics knowledge, 3T has made significant reductions in our transport cost, whilst at the same time enhancing our service levels and offerings to our dealers. Importantly, they have also enabled us to fully understand our transport cost activity with bespoke reports allowing us to drill down through many different levels - and even more recently incorporating the CO2 reporting of our European outbound shipments. Through a web portal access, we have also been able to give our dealers a much improved visibility, allowing them to see their order status from the point of placing the order through the different stages of the warehouse process to the point of delivery."

The good news for other companies is that the GCM system is a generic transport management system, so it can be successfully applied to most complex transport operation across a range of industries. This means that organisations of all shapes and sizes have the opportunity to make significant savings when working in partnership with 3T.

To find out how 3T can help your organisation, please:

- Call +44 (0)1162 847 422
- Email info@3t-europe.com
- Or visit www.3t-europe.com

3T Group 3T Group Limited, 5 Smith Way, Grove Park, Enderby, Leicestershire LE18 1SX United Kingdom
Tel: +44 (0) 116 2824 111, Fax: +44 (0) 116 2896 601, Email: info@3t-europe.com, www.3t-europe.com



Case Study:
integra

DATONIQ

Qlik and Datoniq are transforming the way organisations streamline and manage their recruitment processes. By helping Integra and their customers to gain valuable insight into their data, Qlik and Datoniq have enabled data-driven decision making.

About Integra
Established in September 2010, Integra is a revolutionary Talent Acquisition System. As the heart of which is an Enterprise-level Applicant Tracking System designed for both small and large organisations, Integra has been a success story for many of its customers, helping to reduce their recruitment costs and improve their recruitment process. This allows organisations to streamline and manage their recruitment process.



The business challenge
Integra's recruitment process was both to-bean recruitment and aggressive in delivery and volume. The high growth of their data provided them with a significant challenge. The challenge was to manage the data and to ensure that the organisation was able to make the most of the data they were generating. This was a challenge that required a partner who could assist.

"As a Qlik partner, it was clear that Datoniq had the skills and experience to assist us with what we were trying to achieve."

Mark Wainwright, Director of Integra

- Key deliverables
- Clear leader support, including integration, training, and technical requirements.
- Full integration of Qlik and Datoniq's Applicant Tracking System.
- Seamless integration of Qlik and Datoniq's Applicant Tracking System.
- Seamless integration of Qlik and Datoniq's Applicant Tracking System.



For more information visit
www.datoniq.com

"The expertise that Datoniq provided meant we achieved a return on our investment much sooner than we could have done without them."

Mark Wainwright, Director of Integra

The future
Integra and Datoniq have committed to fully integrating Qlik's technology with their Applicant Tracking System, providing more insight into their recruitment process. Datoniq will assist in achieving this goal through its expertise in integration with the Qlik ecosystem.



DATONIQ

For more information visit
www.datoniq.com