



Using ITS in anger



The commercial world & the "young" professional
Theo Quick
May 2011

So what does a
starfish have to
do with ITS



Career History

Theo Quick MIAM, MSc, BSc (Hons)

Profession : Head of Intelligent Transport Systems Practice

Years of experience : 14

Education and professional status . . .

- MSc in Shellfish Biology, Fisheries and Culture
- BSc (Hons) Oceanography and Biology

Key skills . . .

- Until 9 days ago Technical Director, ITS (UK)
- IT Director, Institute of Asset Management
- Member of BISqAutomotive Council Technology Group
- Member of Technology Strategy Board & Transport KTN Steering Board
- Member of *Transport*Newcastle Advisory Board

Career History . . .

- Joined Logica June 1997
- Jul 1997 . Various projects in Ford Motor Company UK
- Aug 1999 . Ford Motor Company, North America
- Oct 2000 . Implemented Asset Management programme for Network Rail
- July 2004 . Account Manager Tube Lines
- Nov 2004 . Practice Leader for Enterprise Asset Management
- Jan 2008 . ITS Practice Leader UK
- Feb 2011 . Global Practice Leader for ITS





Logica company



Company profile

- Leading business and technology service company, employing 40,000 people
- Formed in 1969
- WM-Data acquired 2006
- Committed to long term **collaboration**, applying insight to create **innovative** answers to clients' business needs.
- Creating value for clients by successfully **integrating people, business and technology**
- Revenues of £3.7 billion in 2010
- Providing **business consulting, systems integration and outsourcing** to clients around the world, including many of Europe's largest businesses
- YESTERDAY – announced the acquisition of Grupo Gesfor



Stand D160

Engaging with our clients

Client intimacy means understanding our clients' business **ecosystems** and anticipating their needs to deliver the best total **service**. It's not about pursuing transactions; it's about cultivating **relationships**. It's about sharing a point of view with our clients in a true **dialogue**. It's about engaging in discussion and debate.



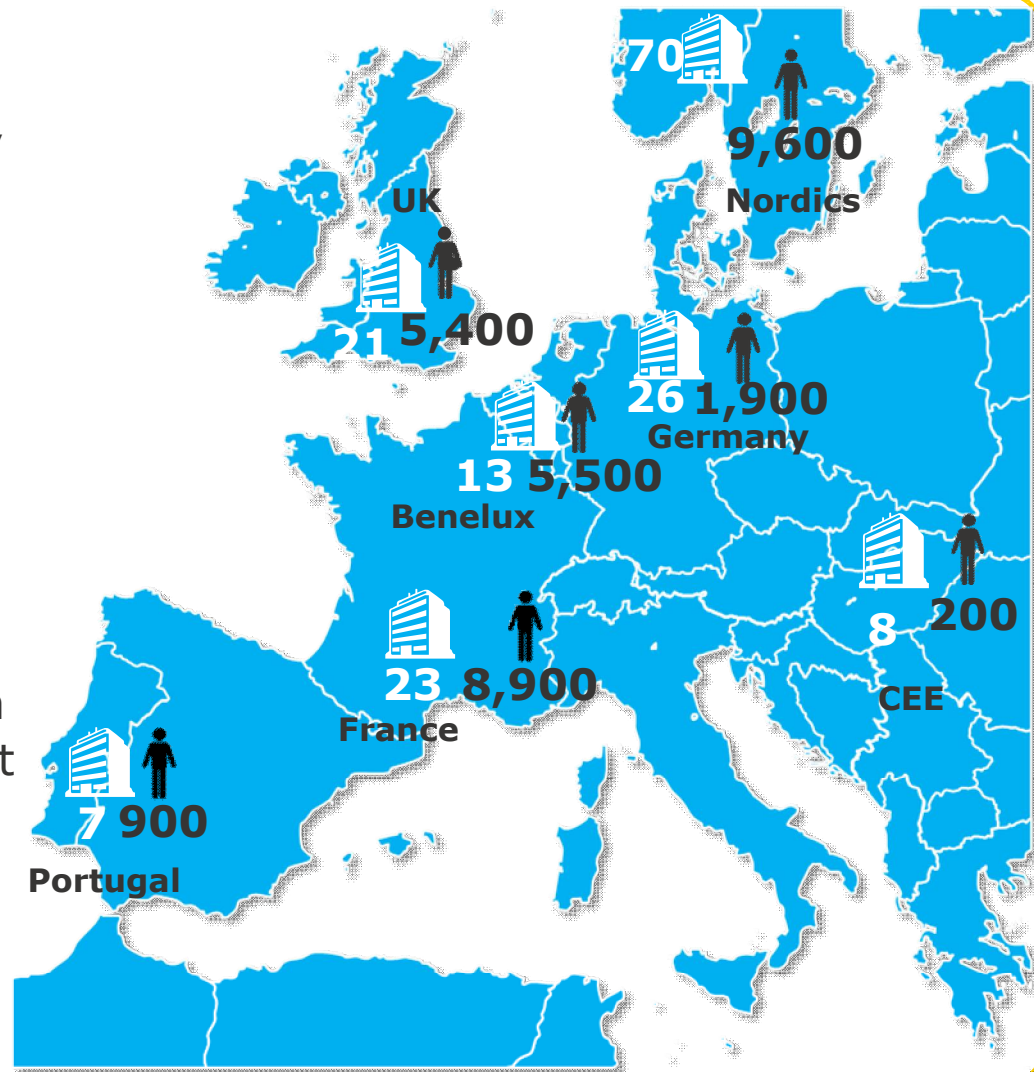
Our Presence - Europe

- “ Our widespread presence means we have the capability to sell and deliver where our clients work and live
- “ Speaking the same language gives us strong client and cultural intimacy
- “ Combining these skills with blended delivery is a platform to deliver services in the most efficient way to our clients



Our Presence - Europe

- “ Our widespread presence means we have the capability to sell and deliver where our clients work and live
- “ Speaking the same language gives us strong client and cultural intimacy
- “ Combining these skills with blended delivery is a platform to deliver services in the most efficient way to our clients



Our presence – nearshore and offshore

...blended with an international capability

Philippines

- 525 people, serving Netherlands, UK, France, Sweden, Norway, Australia, Germany, US, Belgium and Philippines
- BPO, ERP Services and Application Development

Malaysia

- 100 people serving Malaysia, Singapore, Philippines, Hong Kong, and Indonesia
- Applications Development, Applications Management, ERP, Services, Testing Services, Offshore Services

Morocco (including Egypt)

- 750 people, serving France, Morocco and Belgium
- Application Management, Development and Testing, ERP services, BPO

India

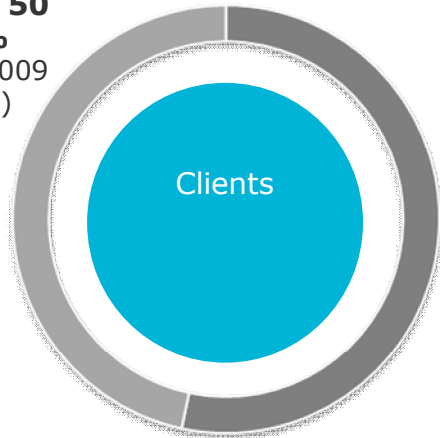
- 4,100 people, serving Australia, Belgium, Czech Republic, Denmark, Finland, France, Germany, Luxembourg, Malaysia, Dubai, Morocco, Netherlands, Norway, Philippines, Portugal, Singapore, Sweden, Switzerland, UK and USA
- Application Management, Enhancement and Support, Product Engineering, ERP Services, Testing Services, Infrastructure Management, BPO, Transition Management, Quality Assurance, Marketing and Business Development (including Marcomm and Commercial shared service)

CEE (delivery)

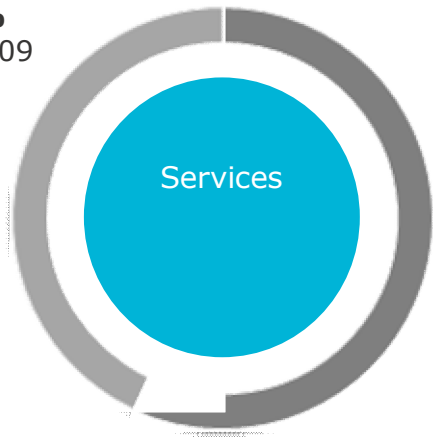
- 200 people serving UK, Germany, Czech Republic, Slovakia, Netherlands, Malaysia and France
- Application Development, Application Management, Product Engineering, Testing services, ERP Services

Logica at a glance

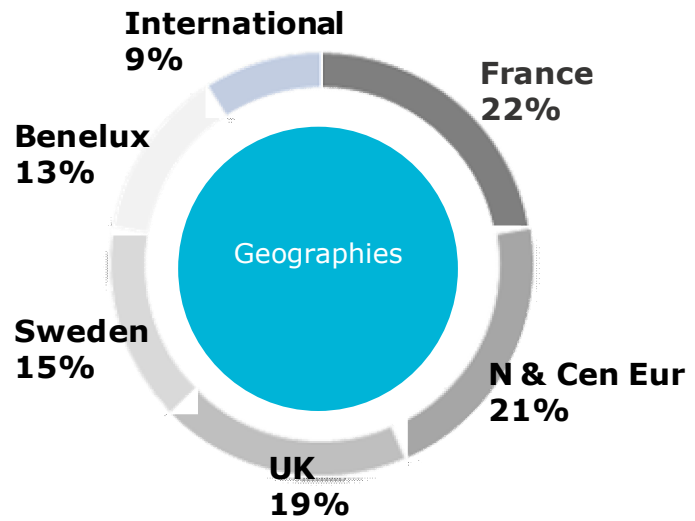
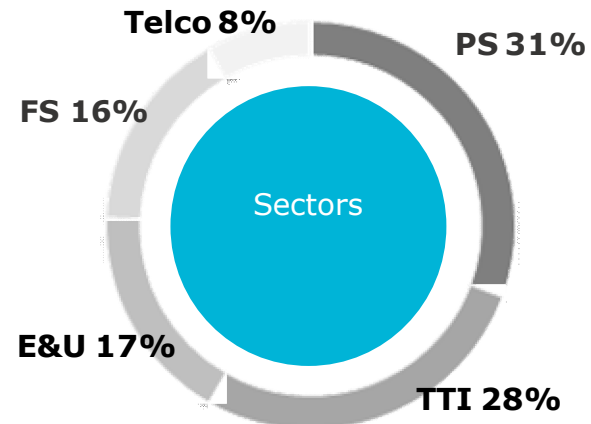
Top 50
42%
(FY2009
42%)



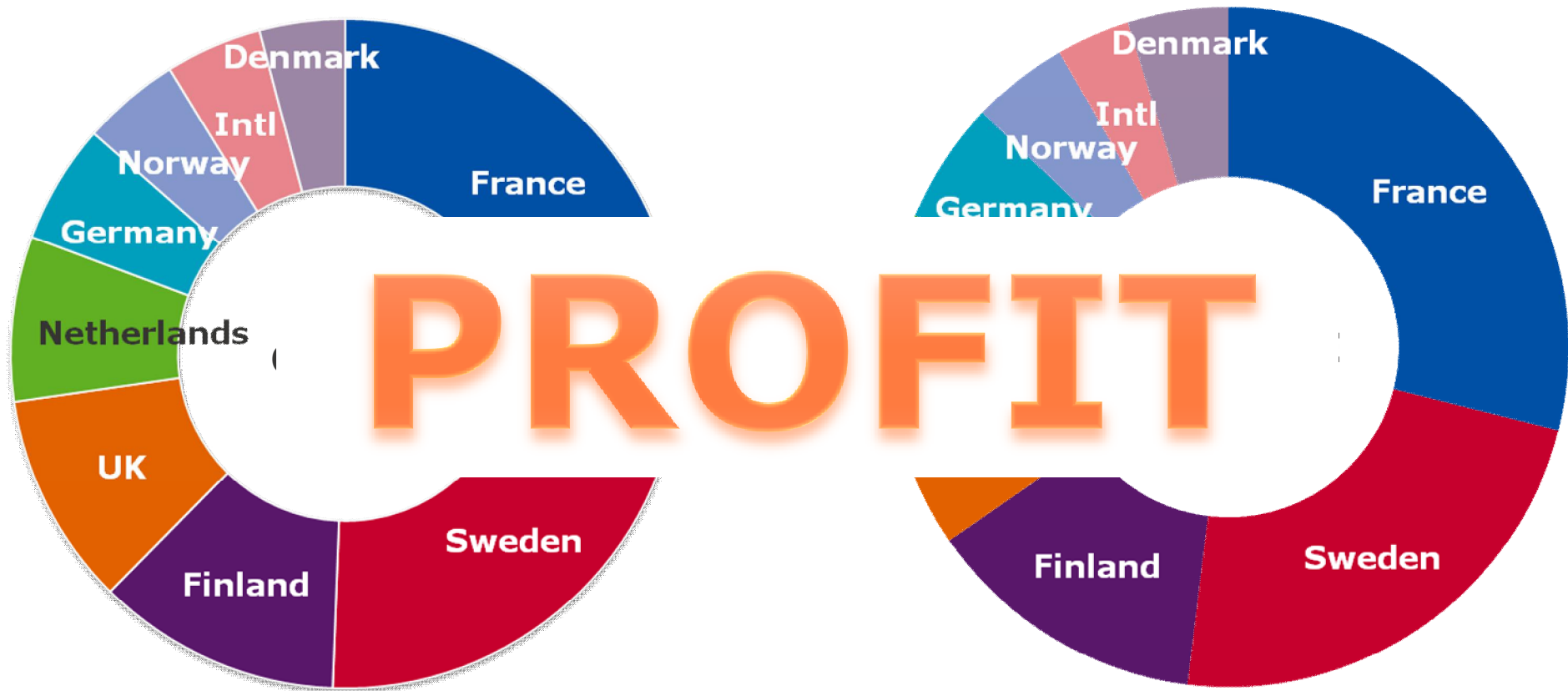
Outsourcing
43%
(FY2009
37%)




FY'10 revenue
£3,697m




TTI Major Geographies 2011



TTI FY'10 revenue
£1,023m (+3%)



Logica in ITS



Logica's ITS market positioning

Logica aims to be the trusted innovation partner enabling our clients to accelerate large scale deployment of intelligent transport systems and services to drive **seamless** and **sustainable** mobility across all transport modes



We partner with members of your ecosystem

- ERTICO (ITS Europe) : long term members and partners
- World Road Association (PIARC) : representing the UK on the network operations committee
- ITS UK, Sweden, Netherlands, France, Denmark, Finland, Arab: promoting ITS knowledge and implementation
- IBEC (the International Benefits Evaluation and Costs of ITS group) promoting professional evaluation and sharing information worldwide
- INTELLECT Members of the transport committee of this influential UK IT organization
- Advisors to the European Commission, Directorate General Mobility and Transport on the implementation of the ITS Action Plan and Directive
- Member of ITS Arab – ITS Sweden network



Clients we work with - T&L

<p>Government</p>	
<p>Transport Authorities</p>	
<p>Transport Operators</p>	
<p>Infrastructure Management</p>	
<p>Construction & Engineers</p>	

Case study:

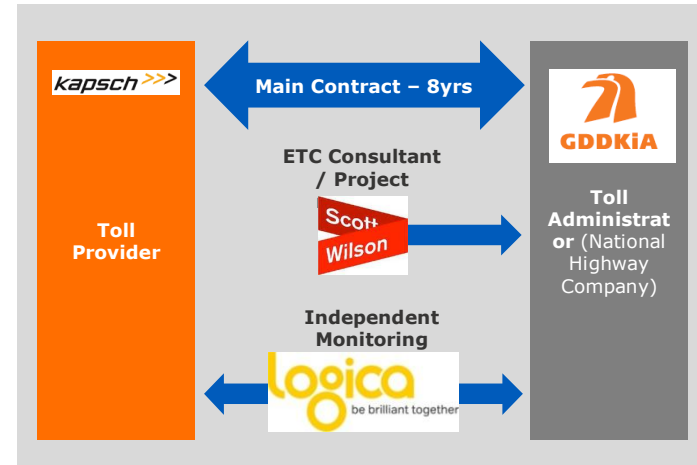
Swedish National Road Administration - DSS



Project	Dynamic Speed Signs
Business Issue	The Swedish National Road Administration needed a way to reduce congestion on the main Swedish roads through the control of the digital speed signs already installed on the road network.
Approach	<p>As a response, Logica designed and implemented DSS (Dynamic Speed Signs), a tool to remotely adjust the digital speed limit signs from the Swedish road infrastructure. The system receives input directly from the traffic information system TRISS which role is to identify when the traffic has grown beyond certain levels of tolerance. DSS then allows both automatic (through pre-defined scenarios) and manual control of speed signs to disseminate the traffic.</p> <p>The system also records the time / date of any change in speed limits and feeds a number of external organisations such as the local police which need to know at any time what the speed limit was on each leg of the road network.</p>
Benefits	The system has helped reducing congestion around the main Swedish conurbation over the last few years.

Logica CEE wins the Independent Monitoring and Audit contract for Electronic Tolling System in Poland

- Winning this contract allows Logica to open a **permanent office in Warsaw** and **strengthen overall position in the CEE region** as the electronic tolling expert and auditor with great potential for other markets like Slovenia, Hungary, Bulgaria.
- As of 1. July 2011, Poland will introduce nationwide electronic tolling system, similar to Czech Republic, using DSRC technology and tolling gantries along the roads.
- System is being built by Kapsch TrafficCom Poland on the existing road network of about 1.750 km with planned expansion up to 8000km of tolled road infrastructure (highways, motorways, lower class roads). All vehicles above 3.5 tons will be liable for paying toll on Polish toll roads electronically using a vehicle onboard unit (OBU), not having to stop on the toll plazas.
- The role of Logica on this project is **to monitor** on behalf of the state highway authority (GDDKiA) the **performance of the 30 key performance requirements (KPRs) of the Kapsch's system**. The fulfillment of these KPRs is directly reflected in the remuneration of the system operator, therefore the job requires great amount of preciseness and responsibility from the auditor.
- Logica will in the initiation phase **utilize experience and team from Czech and Slovak auditing projects** and gradually reinforce the team by local Polish staff.



Case study:

Transport Scotland National Concessionary Smartcard Scheme



Project	National Concessionary Smartcard Scheme for Scotland
Business Issue	Transport Scotland had to deliver the National Concessionary ticketing scheme for Scotland. Under the scheme eligible individuals who have been issued with appropriate smart cards will be able to use them as concessionary travel passes.
Approach	<p>The Scottish Executive awarded Logica the contract to develop, implement and support the National Concessionary transport ticketing scheme using contactless smart cards compliant with the UK ITSO standards.</p> <p>The solution has three main components:</p> <ul style="list-style-type: none">• The Transport Application Back Office system which calculates the reimbursement of revenues to operators• The AMS/HOPS system which manages transaction records• The depot systems which communicate with on-vehicle electronic ticket machines (ETMs) <p>Further to this core activity, Logica was contracted to provide end to end systems integration consultancy for all of the key facets of the ITSO solution including all three ETM providers, ERG, Wayfarer and Almex and also the card management system provider.</p>
Benefits	The scheme is now operational and manages the travel of over 1.2 million card holders. ETMs are deployed on over 2,500 buses and 16 million journey transactions are recorded each months.

Case study: TSB - Informed Personal Travel

Technology Strategy Board



Project	Itinerary Monitoring Service
<p>Challenges</p>	<p>Obtaining and distributing reliable, accurate and credible information which can help travellers plan and manage their journeys is the key challenge and aim of this innovative and ambitious project.</p> <p>Logica secured part funding from the Technology Strategy Board as part of the Informed Personal Travel competition.</p> <p>This project will look at how to provide innovative real-time information that effectively informs about the journey, both in the planning stage and once it is underway should disruption occur.</p>
<p>Our Solution</p>	<p>The 18 month project will see Logica, along with its real-time passenger information consortium partner ACIS design, develop and demonstrate an 'Empowered Personal Travel' service platform. This will provide a multi-modal, personalised, context-aware online 'virtual travel assistant' service for travellers, both before and throughout their journey.</p> <p>Working in close partnership with the consortium's client Greater Manchester Passenger Transport Executive (GMPTE), the solution will focus on information that the traveller can easily understand, trust and want to continue to use, and in doing so accelerate development of the concept for multi-modal real-time journey information service provision</p>
<p>Results</p>	<p>Once complete, the Empowered Personal Travel service platform will allow passengers to be better informed on their journey and will provide them with access to useful information to allow them to make informed decisions. Ultimately this will allow them to carry out their journey with more confidence and reach their destination more quickly.</p>

The future's not
what IT used to be

AGE 65
1960



AGE 65
2020



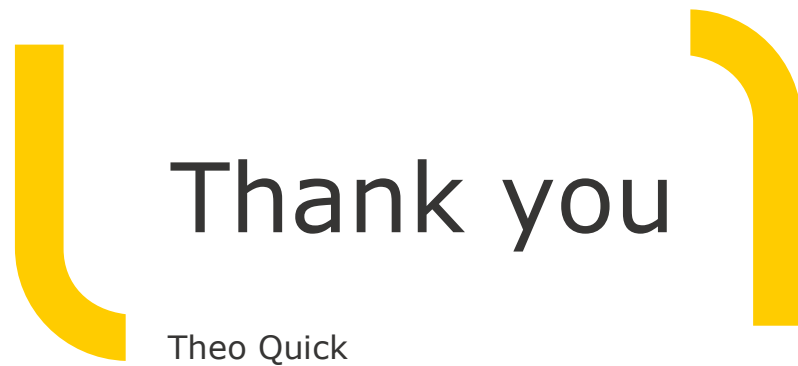
Swedish Contact

Robert Rydell

Role: Business Development

Email: robert.rydell@logica.com
Desk: +46 8 6710637 Ext: 10637
Mobile : +46 708 87 70 85





Thank you

Theo Quick



Logica UK 7th Floor Kings Place 90 York Way London N1 9AG United Kingdom www.logica.com
Contact: Theo Quick Head of ITS Practice T: +44 (0) 7968 186 540 E: theo.quick@logica.com

Logica is a business and technology service company, employing 39,000 people. It provides business consulting, systems integration and outsourcing to clients around the world, including many of Europe's largest businesses. Logica creates value for clients by successfully integrating people, business and technology. It is committed to long term collaboration, applying insight to create innovative answers to clients' business needs. Logica is listed on both the London Stock Exchange and Euronext (Amsterdam) (LSE: LOG; Euronext: LOG). More information is available at www.logica.com