Case Study – Software Development

ACIS UTMC (Urban Traffic Management Control)

- ▶ ACIS is one of the leading solutions providers of real time location based intelligence servicing communities within the travel industry.

- ▶ It cover the bus, coach, rail and airport sectors.

- ▶ It also provides innovative location based solutions to the housing sector supporting the growth of eco-housing across the UK.

- ▶ Its award winning and innovative systems and products are operational with over 100 customers across the UK, Europe, Middle East and North America.

- ■ Project
  - ○ Design and development of ACIS UTMC as per UTMC specifications
  - ■ Designed & developed the following modules:
    - ■ Congestion Configuration
    - ■ Congestion Monitoring
    - ■ Real time data feed

- ■ Solution Domain
  - ○ Designed unique database to obtain real time traffic information.
  - ○ Designed application to monitoring congestion on specific area of interest
  - ○ A web-based solution developed using .Net technology

Case Study – Software Development

ACIS UTMC (Urban Traffic Management Control)....(Contd...)

PROJECT DETAILS

SDLC

- Played major role in design, development and testing of the ACIS UTMC application.
- Met stiff delivery deadline and overall budget of product development with a successful onsite-offshore model.
- Project executed in iterative model.
- Implemented Rational Unified Process (RUP) development methodology for the entire product development.

Technology and Tools

- .net 3.5
- JavaScript, AJAX
- XML
- Microsoft IIS
- SQL server 2005

Software Metrics

- Size   On going
- Duration   5 people