

Amreesh Modi NAVTEQ

Bruno Simon Chief Technology Officer Executive Vice President & Chief Operating Officer **CONNEXIS**

3 C's: Content, Community, Connectivity

Geneva, 5-7 March 2008

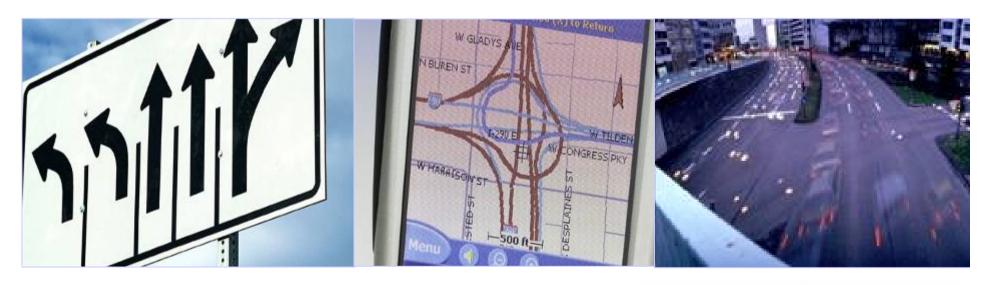






Recognized Leadership

NAVTEQ is a leading provider of comprehensive digital map and content information for automotive navigation systems, mobile navigation devices and Internet-based mapping applications













Next Generation of Telematics

- Provides wide-range of telematics services and enabling technology on a global scale
- Works in partnership with vehicle manufacturers worldwide to create a successful approach to vehicle communications and services
- Draws upon decades of experience in the automotive, telematics, call center and telecommunications industries
- Takes a long-term approach
- Co-developed NGTP next generation telematics platform









The Feedback Loop

Location Referencing

Thousands of Sources

Content Management

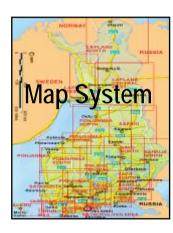


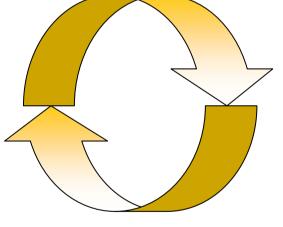




Distribution

Quality, Coverage, Features



















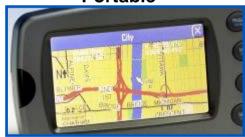
NAVTEO® Maps are Everywhere

NAVTEQ is a leading provider of the digital map data and other content that power many of the world's most innovative navigation applications.

In-Dash



Portable



Fleet



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Telematics



Cell Phones



Enterprise



Internet



Trip Planning



Government









Superior Detail and Richness

NAVTEQ® maps have up to 260 unique attributes for every road segment and Points of Interest in over 50 categories

Turn Restrictions



Physical Barriers



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One-Ways



Complex Maneuvers



Access Restrictions



Vanity Addresses



Underground Exits



Points of Interest









Emphasis on Content

Content enables differentiated applications and gives users the information they need en route.

Enhancing the Navigation Experience



Enabling New Navigation Functionality

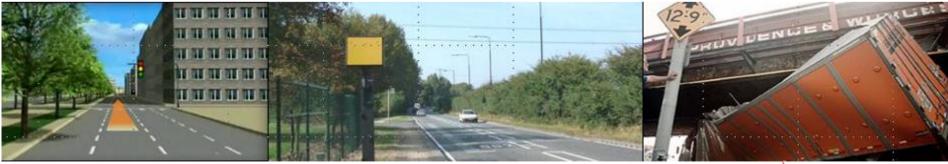
Navigable

Display

Enabling

Consumer

Informational



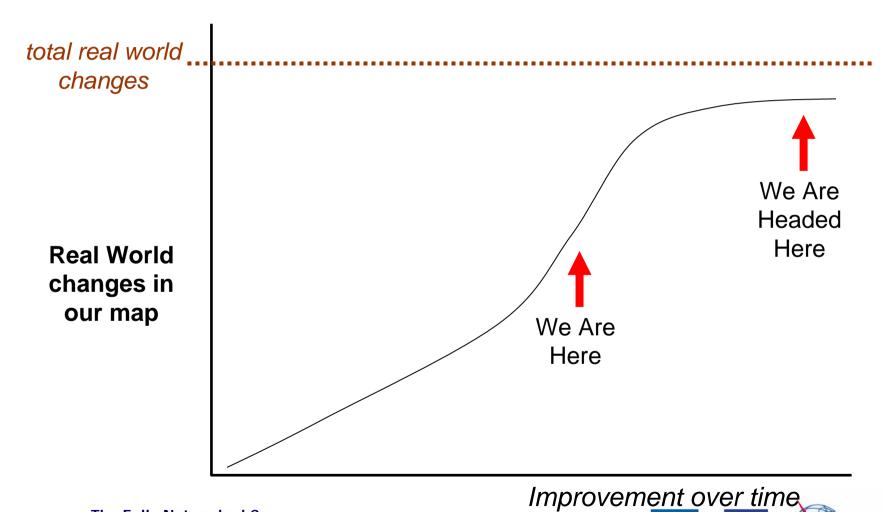




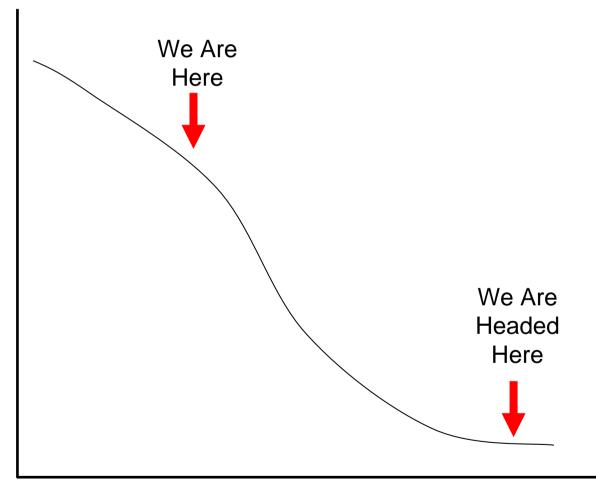


International Telecommunication

Increasing our Database Accuracy



Reducing our Map Updates Delay



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Delay from

Map Update to End-User

Delivery

Improvement over time

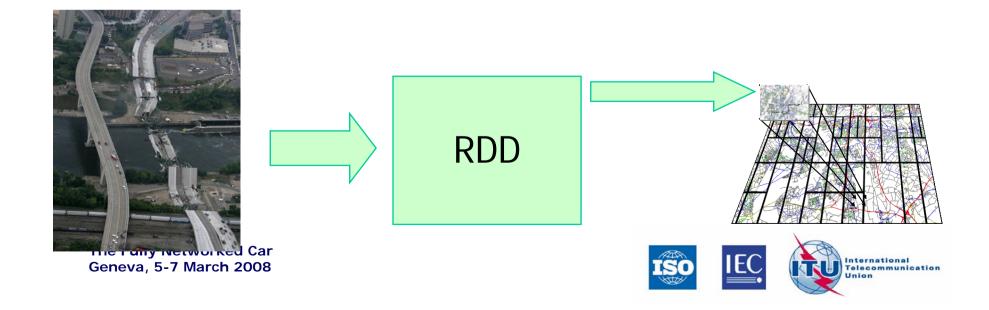




Rapid Data Delivery - Goals

Shorten the time between when a change is observed in the real world and when it is available to customers

- o Get data to our customers more frequently
 - Identify content packages for delivery
 - Put tools and processes in place
- o Deliver it in a format that is easily usable
 - Rapid complete delivery of high priority updates
 - Map & Content Delta Delivery Format



Enhanced Driver's Experience

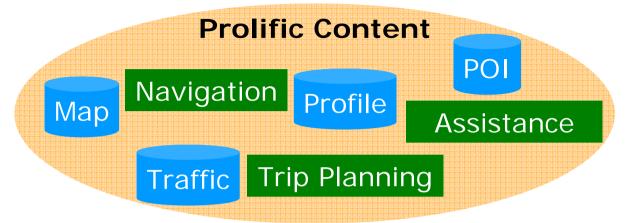








Our Telematics Market Vision



Access to a large community of service and content providers

Seamless Connectivity

- Transparent access through efficient communications providers
- Protocol independence
- Cost optimization
- Terminal roaming







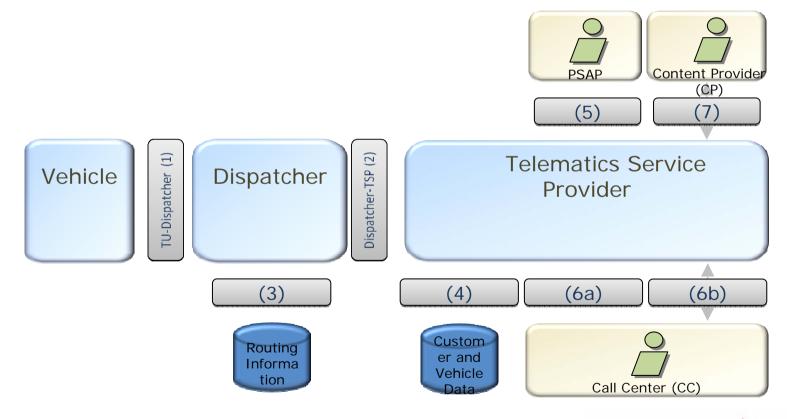






NGTP is a Step Toward the Vision

- o Connect users with information and services of their choice
- o Simplify the complexity of vehicle communication
- o Simplify the complexity of managing different hardware









Navteq/Connexis Map Updating System

NAVTEQ

Server Engine

- Data request
- Push data

registration

Request response

Push response

Map update request

Validated request

Vehicle

TU-Dispatcher

Dispatcher

Connexis

Dispatcher-TSP

Telematics Service Provider

Connexis Server Engine

- Validate request
- Identify request destination
- Route request

Map update

- Register demands
- Check access rights
- Handle communication with Navteq server
- Billing







Summary

It is an industry-wide effort to realize full potential of the Networked Car:

Map, Content, Connectivity, The Feedback Loop



Road Attributes POI's Public Transport info Travel Guides Traffic...