Customer Benefits

- SPATIOWL brings an innovative solution for the transportation sector. The solution allows for the capture of vast amount of location data, its aggregation from different sources and the use of analytics for generating decision-support information. This provides new capabilities for public transportation operators and urban city traffic management to enhance service to passengers and create new business opportunities.

Business Applications

<table>
<thead>
<tr>
<th>Traffic Management</th>
<th>Multi-modal Route Search Service</th>
<th>Telematics Service</th>
<th>Deployment of Security Personnel</th>
<th>Marketing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor traffic flow on expressways and highways against planned assumptions.</td>
<td>Assist users in finding optimal route with multi-modal transportation (train, bus, subway)</td>
<td>Provide services to drivers with information derived from sensors on car, taxi and roadside.</td>
<td>Analyze real-time traffic conditions to deploy security personnel at strategic locations and give them real-time instructions.</td>
<td>Provide customers with real-time information on products and store locations.</td>
</tr>
</tbody>
</table>
System Structure

SPATIOWL (Cloud Service)

Potential Usage Scenarios

- Traffic Information Management
- Next Generation On-demand Mobility
- Urban Information Management
- Tracking Data Analysis
- Telematics Service
- Vehicle Information Management
- Area Analysis
- Behavior Analysis & Recommendation
- Road Management Support

Functional Applications

Data Management Platform

- Complex Event Processing
- Data Layer Management
- Spatiotemporal Data Management (Big Data)
- Analysis & Prediction

Real-time Computing

Real-time Analytics and Prediction

Real-time Mobile Information

Business Application Domains

- Public Transportation
- Telematics Service
- City Planning
- Municipal Service for Residents
- Tourism Service
- Commercial Facilities
- Distribution / Delivery / Security Service
- Medical / Elderly Care Service

If you require further information, please see our website as below or contact our sales representative in your region.


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