

## Smart City

### Traffic Flow Management



CHALLENGES	SOLUTIONS	RESULTS
<p><b>Large &amp; Complex System</b></p>	<p><b>Easy Integration &amp; Distribution</b></p>	<p><b>Reduces Cost &amp; Technical Barriers</b></p>
<p>Traffic Management means keeping control over a large and complex system that touches everyday life in a city and can be directly felt by all inhabitants or visitors. It consists of a wide range of devices that need to interact seamlessly with each other in order to achieve a smooth running system.</p> <p>Companies invested in Traffic Management and producers of the required hardware have an interest to sell their own infrastructure and ecosystem that can barely interact with each other. This leads to either vendor locking or the usage of multiple traffic management systems at the same time. Such solutions are mostly monolithic in nature and usually very inflexible when changes are necessary.</p>	<p>Every region and city is different and solutions need to be individually tailored.</p> <p>OSGi is uniquely suited as a foundation to solve these problems. The modular nature allows an easy integration of different components into one distributed system. It allows for short development iterations and an easy distribution of these components on servers, the cloud or edge devices.</p>	<p>The Data In Motion TrafficOS helps connect the different ecosystems. It allows an individual coherent traffic control system, using existing infrastructure and hardware.</p> <p>TrafficOS reduces the cost and technical barriers of integrating new software or hardware components and makes every region ready for the traffic of the future.</p>