Bombardier FLEXITY solutions
Community Streetcar Coalition

Rail~Volution
Gina Trombley
Head of Services Strategy
September 9, 2019
Streetcar market

Trends

- Popularity of public transport
- Smart cities
- Connectivity
- Digitalization
- Aging fleets
- Urbanization
Bombardier’s FLEXITY solution is a market leader in the light rail vehicle segment offering the highest levels of safety with the world’s first homologated obstacle detection assistance system.
FLEXITY tram
The ideal solution to meet your needs

<table>
<thead>
<tr>
<th>Passenger experience</th>
<th>Innovative technology</th>
<th>Modularity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra-wide passenger compartments provide both comfort and functionality.</td>
<td>New technologies ensure the FLEXITY tram is one of the world’s safest light rail vehicles.</td>
<td>The use of proven and high-quality buildings blocks allows Bombardier to accommodate customer needs.</td>
</tr>
</tbody>
</table>

Unmatched worldwide experience in light rail transport solutions and largest light rail order history.
Extra-wide passenger compartments provide both **comfort** and **functionality**.
Innovative technologies
Developing new solutions for a safer and more economic ride

- Passenger security and driver visibility through CCTV
- Train control and automation, including CBTC
- Obstacle Detection Assistance System
- Driver Assistant for energy management
- Energy recuperation during braking
- Catenary Free Technology

New technologies ensure the FLEXITY tram is one of the world’s safest light rail vehicles.
Modularity

Responding to customer requirements by using proven high-quality building blocks

- Warm weather and winterized setup
- Flexible vehicle lengths – 20m, 30m, 40m and 50m
- Flexible door arrangement
- Various gages with smart bogie technology
- Flexible interior layout

The use of proven and high-quality **buildings blocks** allows Bombardier to accommodate customer needs.
Turnkey system provider
The FLEXITY tram delivered as a turnkey solution

With global presence and a local perspective, Bombardier delivers turnkey solutions that provide:

- Full system integration
- Minimized civil cost impact
- Shorter implementation times
- Risk minimization
- Low lifecycle costs
- Maintenance and operations
- Access to our complete portfolio of products, services and latest innovations
Our services solutions – invested in you for the long run
Helping minimize operational costs and extending the lifetime of assets

<table>
<thead>
<tr>
<th>Services solutions</th>
<th>Material solutions</th>
<th>Component repair/overhaul</th>
<th>Technology and digitalization</th>
<th>Asset life management</th>
<th>Operations and maintenance</th>
</tr>
</thead>
</table>

© Bombardier Inc. or its subsidiaries. All rights reserved.
Facts and figures
Did you know?

Over **5,000** *FLEXITY* trams have been ordered or are already in successful revenue service in cities around the world.

*FLEXITY* vehicles can be grouped to form trainsets of several cars, yielding an overall capacity **up to 10,000** passengers per hour, per direction.

The *FLEXITY* vehicle family offers very **high** vehicle availability.

Bombardier introduced **the world's first 100% low-floor tram** comprising of conventional real-axle wheelset bogies.
Questions & answers