

# Synergies between rail, automotive and aerospace industries



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**BOMBARDIER**



# Synergies

## Overview and focus areas

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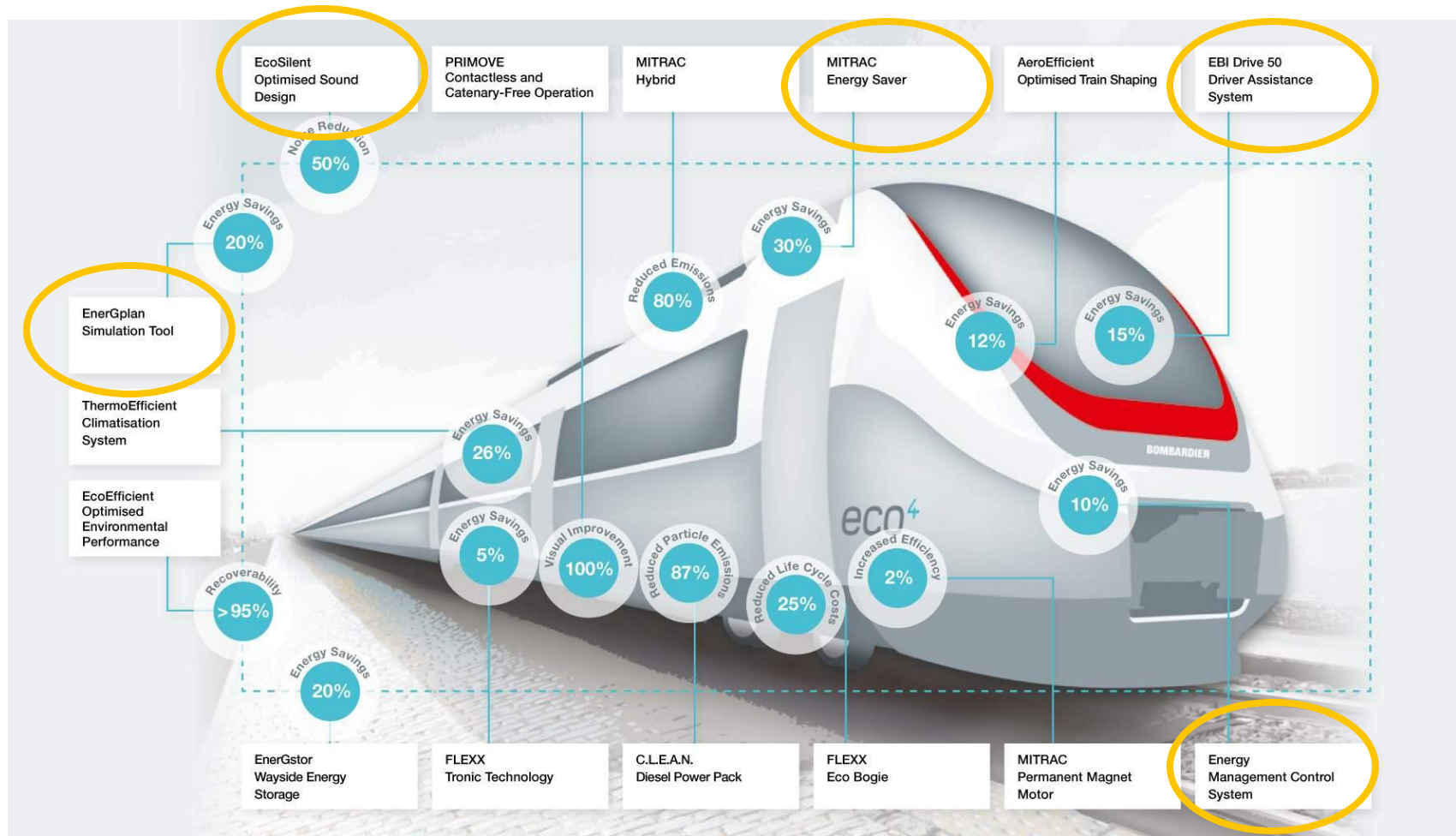
- **Energy + Efficiency**
- **Reliability**
- **Passenger comfort**



# Energy and Efficiency

## Bombardier's portfolio of solutions

Bombardier's **ECO4** technologies can create energy savings of up to 50%<sup>1</sup>



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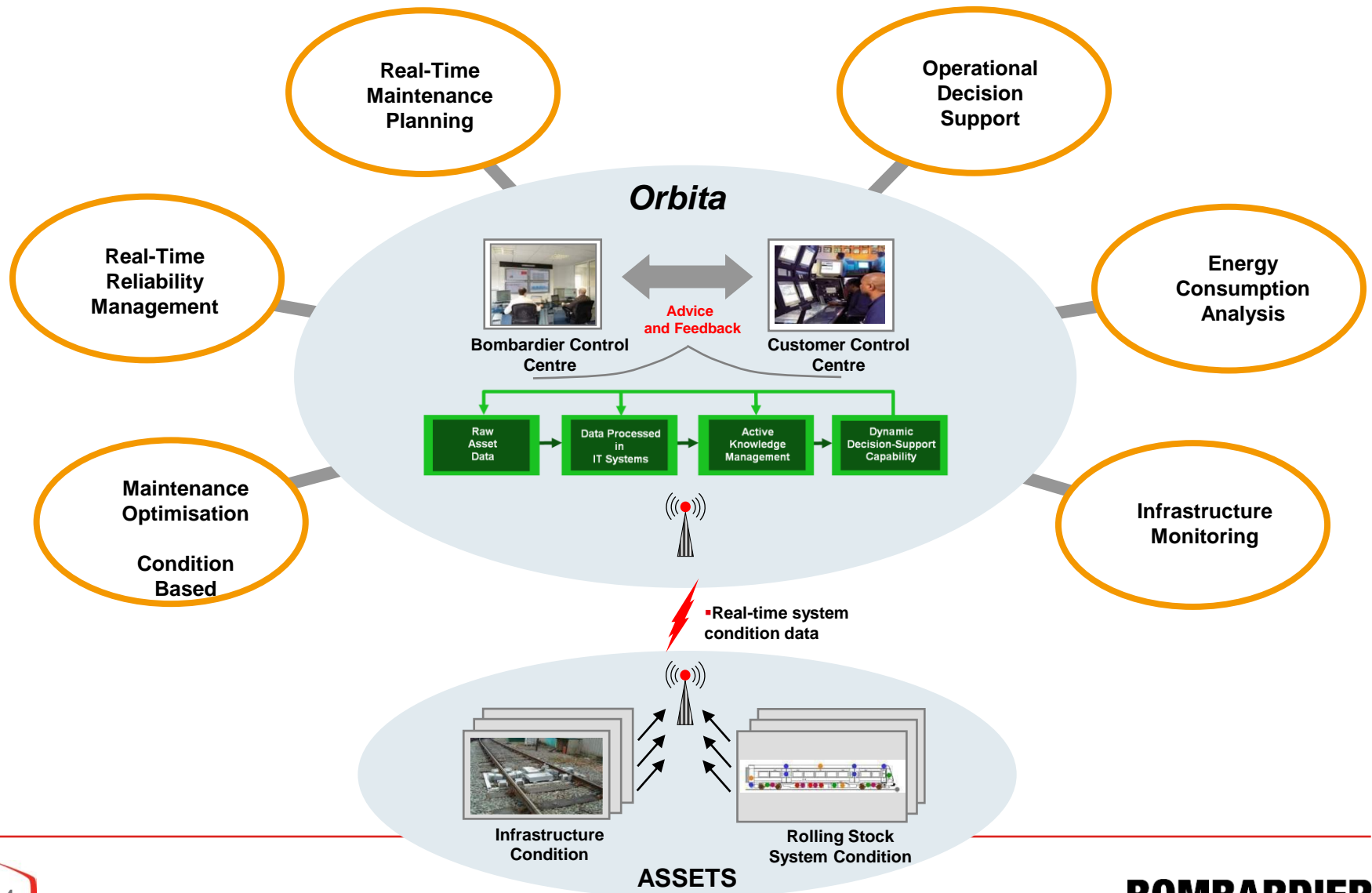
<sup>1</sup>Compared to current products

ECO4 is a trademark of Bombardier Inc. or its subsidiaries.



# Reliability

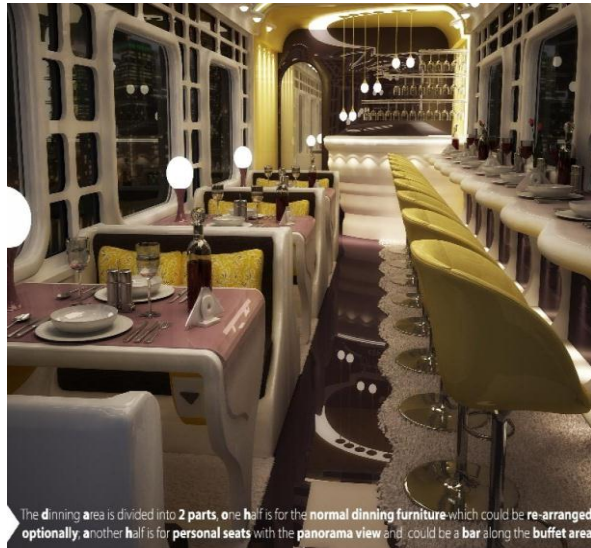
## Predictive + preventive maintenance plus permanent monitoring



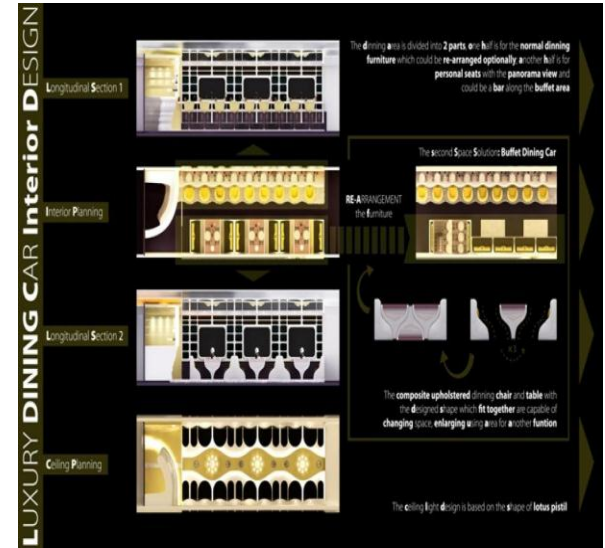


# Passenger Comfort

## Functionality, design and information



**BOMBARDIER** | YouRail Train Interior Designcontest  
Visions of modern transportation



Equipments in the private space: liquid crystal displays, variable control, air conditioning, illumination unit with 2000 klm and air filter, Access, water, and other an individual building facility.

Multi-functional touch computer are installed in each of the cabin. The computer can be used for various functions, controlling the climate and the building, view the map of the region, and so on.

Information about the surrounding area, which the train is passing, are able to watch films and so. Each passenger gets an air Ticket which is used to activate the computers in the cabin through touch screen. Ticket transferred is installed in each of the cabin.

**Hygiene:**  
Two toilets and two shower cabins are in the end of the wagons.

**Feeding:**  
Space is reserved for an operator (Use is assigned) on each of the wagons. Snacks and drinks are available from the machines installed in the wagons.

**Windows:**  
The big windows gives a good view to the passenger. There is enough light during the day inside the wagons. It is not necessary to use electricity for lamps.

SLAVA SAAKYAN





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# Thank you very much for your attention

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