

# Engineered products and unique solutions for smart transit

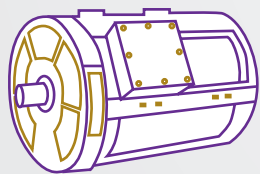
Exploding urban populations.  
Challenging freight needs.  
Growing environmental concerns.

When others side step obstacles, we run toward the most pressing issues of our time and address them with technology.



## We are passionate problem solvers

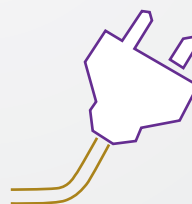
We roll up our sleeves, dig in and take responsibility for solving your complex transit problems, within your unique parameters. Our transit engineers draw from ABB's deep pool of products, knowledge and experience.



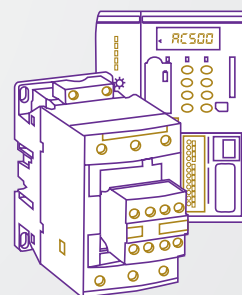
Propulsion



Energy efficiency



Power grid

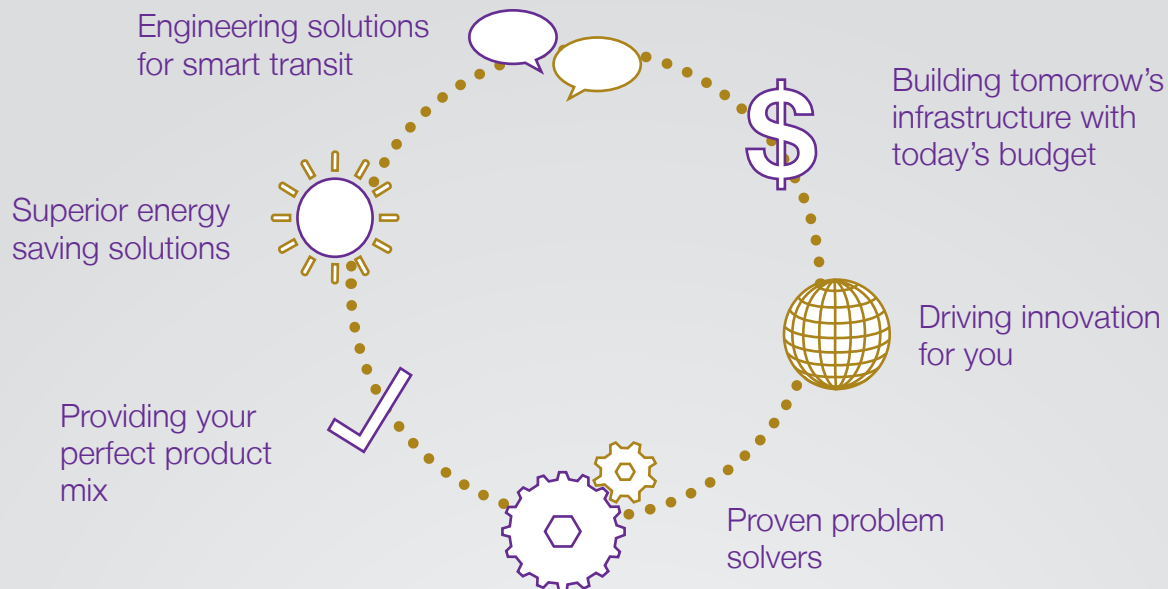


Smart controls

We deliver transit solutions that rise to the challenge of today and tomorrow's growing metropolitan populations.

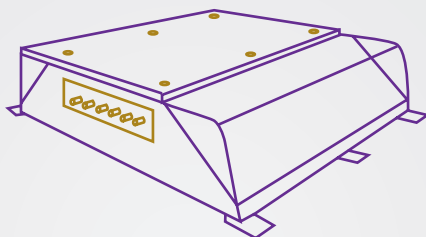
Power and productivity  
for a better world™





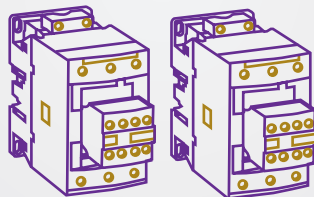
## Unique problems?

We work with you to plan the precise mix of products and technologies that meet your unique needs, reduce energy waste and operate reliably.



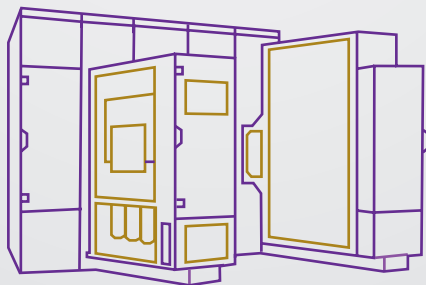
## Traction converters

A compact, lightweight solution that optimizes on-board energy and creates a safe, comfortable ride for passengers.



## Contactors

New AF series electronic coil railway standards compliant contactors provide 50 percent weight reduction and are more compact than traditional contactors.



## ENVILINE™ ESS

Wayside energy storage system that captures and returns the braking energy of trains. The system allows for energy savings of 10-20 percent.

## Engineered products & unique solutions for smart transit

For additional information, contact Daniel Simounet, [daniel.simounet@ca.abb.com](mailto:daniel.simounet@ca.abb.com)

[www.abb.com/railway](http://www.abb.com/railway)

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