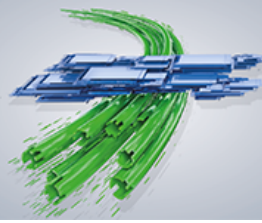




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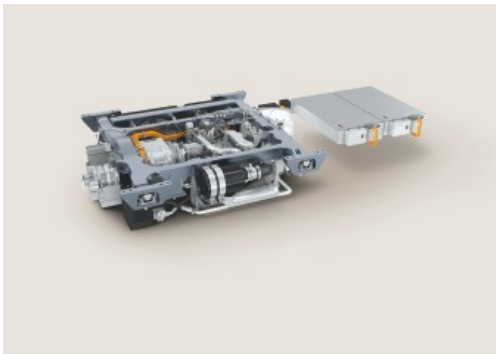
**INNOVATIONS  
AND TRENDS**



## Eco-friendly drives for railcars and locomotives



MTU service solutions help optimize operations



Hybrid PowerPack will also be available for EU Stage V

MTU will be unveiling its rail drive solutions for compliance with the EU Stage V emissions standard coming into force from 2021. MTU will be able to deliver Stage-V-compliant Series 1800 and 1600 PowerPacks and Series 4000 locomotive engines in time for the new requirements. The prototype of a Series 1800 Stage V PowerPack with a system combining SCR and particulate filter will be on show. A new feature of PowerPacks is their modular structure, which will help contribute to even faster delivery times and continual improvements in quality. A hybrid PowerPack version incorporating battery packs and an electric motor for rail travel with zero local emissions will also be available.

**MTU Friedrichshafen GmbH**

**Germany - Friedrichshafen**

**18, 301**

Contact: Rolf Behrens

Phone: +49 7541 903461

[rolf.behrens@rrpowersystems.com](mailto:rolf.behrens@rrpowersystems.com)

[www.mtu-online.com](http://www.mtu-online.com)

Subject to further change