

Drivetrain Innovations

cost-effective and fuel-saving transmission solutions

Drivetrain Innovations (DTI) was set up in the beginning of 2002 and currently employs over 20 high-tech engineers who are specialists in mechanical design, electronics, real-time control software, analysis, prototyping and (vehicle) testing. We focus on cost-effective, uncompromising fuel-saving transmission solutions for mainstream passenger cars, high-performance road cars and heavy-duty trucks. Our main business lines are co-developing automotive technologies with customers (OEMs, TIER1 and 2) and selling production licenses.


Drivetrain Innovations (DTI)

DTI is a flat organisation run by the three-man founder/management team. The business manager, project manager and office support further facilitate the development projects performed by about 20 highly educated engineers, developers and scientists. Our continuous drive for innovation geared to market trends and in-depth knowledge of requirements give us the extra mile to develop genuinely new, though surprisingly simple products!



DTI focuses on carrying out development and implementation projects for customers that opt for one or more of DTI's solutions and its lean and efficient operations. Our work method and the technological services we supply help drastically reduce the time to market for our customers.

www.dtinnovations.nl



DTI develops and markets its products in a strategic and global network of component suppliers, system suppliers and OEMs. Because DTI's solutions provide new features that have a positive impact on a system level, we usually work directly with OEMs to meet their requirements for fast, optimised delivery of high-quality product concepts.

Activities & scope

The activities carried out within the DTI organisation are divided between customer and R&D projects, the latter are usually supported by governmental subsidies and carried out together with (strategic) partners.

DTI can supply products and services for 3 types of customer projects:

- Turnkey A/B prototype systems purpose-built for use in customers' applications
- New innovations and A/B prototype systems based on customers' abstract requirements and specifications
- Specific high-level expertise in various fields of transmission and control design

The right match

Alongside these activities, DTI supports customers in finding the right production suppliers for components and systems. DTI is currently forming alliances with medium-sized production partners for the supply of DTI's transmission products to the automotive industry.

Within the R&D projects, a wide range of activities are performed:

- Requirements and specifications studies
- Concept generation, first principles and functionalities
- (Worldwide) patenting
- Concept feature and value appraisals
- Functional and detailed simulation, analysis and optimisation
- Concept designs and prototyping
- Control design
- Test-rig and vehicle testing
- Demonstrations and appraisals for industrialisation

The scope of our activities is currently limited to passenger cars, trucks and A/B prototype projects. Following the completion of our projects, our customers and their main suppliers usually organise production and SOP development. We accept requests for projects and applications outside our primary scope if we can provide sufficient or supplementary technological support and they strategically match our main business lines.

For more information, visit www.dtinnovations.nl.

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