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# Shorten your time to market and enhance competitiveness

## Reliable and efficient OEM Solutions for the automotive industry

The automotive industry is facing new and pressing challenges. Globalization, just-in-time (JIT) logistics, and increased competition are changing the face of the industry. As automotive OEMs, this challenging set of market requirements means shorter time-to-market, higher productivity and reduced total cost of ownership.

These demands require continuous innovations – not only in the vehicle itself, but also in automation design and manufacturing.

Our in-depth expertise of the automotive market, paired with comprehensive solutions for the entire automotive value chain, from press shop to final assembly, can help you create value and respond faster to new market demands and developments to increase your company's ability to respond to these challenges while enhancing your company competitiveness.

Siemens portfolio offers investment security, system continuity and improved productivity. With an integrated set of products and systems from our Totally Integrated Automation portfolio, we help you to increase machine flexibility, reliability, and efficiency.

Pressing  
(Press Shop)

Body  
Manufacturing  
(Body Shop)

Painting  
(Paint Shop)

Power Train  
Construction  
(Engine &  
Transmission)

Assembly

Siemens provides innovative solutions for all aspects of automotive manufacturing automation.

## Siemens OEM and IPC products, systems and services offers these benefits for automotive equipment manufacturers

Efficient	Reliable	Flexible	Cost-effective
<p>One integrated framework for all automation tasks, significantly reducing engineering time</p> <ul style="list-style-type: none"> <li>• More productive performance resulting from high-speed automotive PLC CPUs even for complex computing and communication functions</li> <li>• Simplified connectivity to higher-level-systems (e.g. MES) throughout integrated Ethernet communication</li> <li>• Reduced time to market resulting from efficient engineering software STEP 7 for configuration, programming and diagnostics</li> <li>• Increased efficiency and transparency in logistics, materials management, production, and maintenance with SIMATIC Ident</li> </ul>	<p>Highest level of machine and plant availability for minimized downtime</p> <ul style="list-style-type: none"> <li>• More compact machines with cabinet-free operation due to SIMATIC PLC controllers and industrial HMIs with IP65 certification</li> <li>• Higher machine and plant availability as a result of system-integrated diagnostics</li> <li>• Integrated failsafe functionality in SIMATIC S7 controllers, SIMATIC light curtains, switches and emergency stop buttons fulfills the highest safety requirement of automotive industry, ensuring the safety of workers and equipment</li> </ul>	<p>Flexibly and quickly change out current installations without any problem</p> <ul style="list-style-type: none"> <li>• Open automation communication protocols on rugged industrial PCs</li> <li>• Distributed, programmable safety technology allows for a highly flexible system with finely tuned performance</li> </ul>	<p>Cost-effective operation and monitoring</p> <ul style="list-style-type: none"> <li>• Time and cost savings during installation and start-up resulting from decentralized solution</li> <li>• Reduction of installation costs due to integrated safety, which combines standard and safety applications into one controller</li> <li>• User-friendly operation and monitoring of robotic cells in body shop with mobile HMI panels with wireless communication to reduce hardware and installation cost</li> </ul>

### Siemens offers for automotive OEMs

#### OEM Tools and Content

- Extended warranty support
- OEM tools and investments to help train engineers on Siemens platform

#### Global Coordination

- Worldwide spare parts support through local distribution network
- Global, 24/7 technical support
- Free of charge hotline during business hours

#### Co-marketing Development

- Co-marketing promotions with Siemens investment
- Global network with Siemens Automotive team

What makes Siemens automation solution unique? As an OEM and integrated service provider, we take care of your equipment throughout its entire lifecycle. Whether you need an immediate response to a breakdown, planned maintenance, or leading-edge upgrades to improve the performance of your equipment over the long term – be sure to take advantage of our global engineering expertise coupled with our local service infrastructure. Siemens offers you a total solution supported by our OEM expertise.

To find out more about how Siemens deliver OEM and IPC solutions for the Automotive Industry, contact your Siemens representative today.

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