



# Moving at the Speed of Automotive

AutoPath Shows the Way to Automotive Industry SAP

## The Automotive Industry is Changing Fast

The automotive industry is facing an ever more complex business landscape with new risks and opportunities – and a **need for better digital tools and end-to-end solutions** to manage the risks and take advantage of the opportunities.

These risks and opportunities arise from factors such as:

- The increasing demand for connected vehicles that offer a **broad range of digital services** (including richer entertainment systems, auto safety monitoring, driving analytics collected by camera and sensor inputs). New vehicles also generate tremendous amounts of data that can be used to help expose the need for – and even arrange – preventative, preemptive maintenance work by dealer/service provider based on interpretation of the data from the connected vehicle.
- Mergers and acquisitions driven by a desire to get and keep competitive, **time-to-market** advantage by buying companies with specialized technologies that provide everything from in-vehicle digital services to key components for new and innovative drivetrains.
- The challenges posed by a **fast-changing regulatory environment** that calls for greater fuel efficiency in some jurisdictions (and less in others). Meanwhile, restrictions on – or outright bans of – the use of diesel-powered cars are being actively considered or implemented into law in major cities such as Hamburg, Stuttgart, Frankfurt, Paris, London and Rome. The challenges are also answered by ever-faster introduction of **more powerful electric cars** as the infrastructure grows to support them and consumer demand rises.



- A **complex supply chain** in which the parts that make up today's technology laden vehicles come from all over the world – requiring meticulous tracking of the parts in the supply chain to meet both business and international trade requirements.
- A growing class of young consumers has grown up using car-sharing or ride-sharing services that place far less value on car ownership. These consumers will expect and **demand support for car sharing** (enabled by smartphones) capabilities. And, those who own cars will likely not be driving them. Advanced driver assist systems in vehicles have been increasing in the last decade and will eventually lead to a time when cars will be **fully autonomous**.

Companies that want to address these issues need strong digital solutions to help them do so. Capgemini's AutoPath allows companies to achieve this through rapid delivery.

## What is AutoPath?

AutoPath is Capgemini's SAP-certified pre-configured S/4HANA package solution that **enables the suppliers of automotive companies to streamline operations**, providing greater visibility and control of core business processes.

It is ideal for organizations that want to **align with automotive industry leading practices** and promote the standardization and simplification of business operations. A few important things to know about AutoPath:

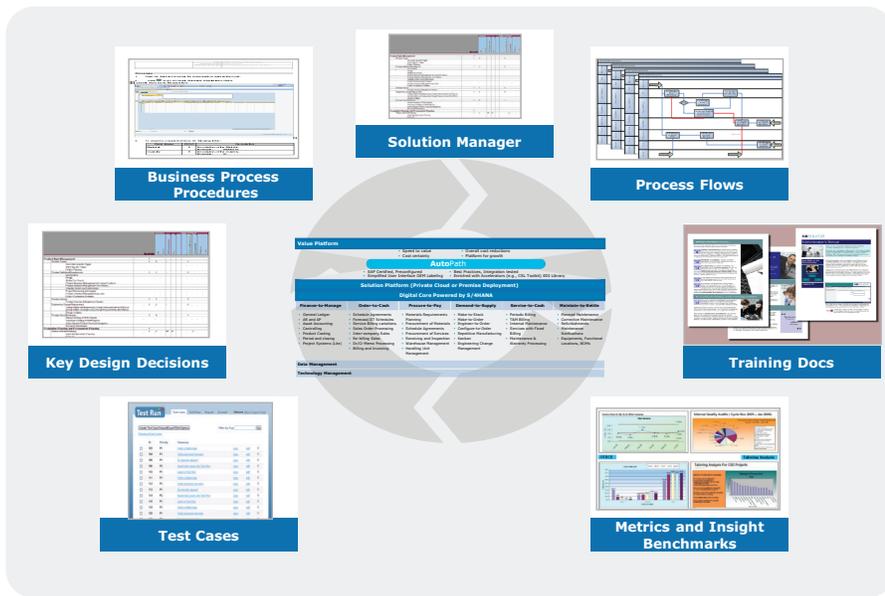
- It is pre-configured to manage schedule agreements, forecasts and JIT delivery schedules, maintain production schedules, perform automated Kanban execution.
- It draws on a repository of OEM EDI messages and label formats including GM, Ford, Chrysler.
- By combining the AutoPath solution with Capgemini's iCaptive Methodology, businesses can experience an accelerated speed to value for their SAP implementation.

The AutoPath solution also provides **extensive integration capabilities** with other solutions (Social, Mobility, Analytical, IoT, Blockchain, Cloud).

It can be quickly provisioned and deployed both on premise and in the cloud to enable innovation, acceleration, and value as well as provide enhanced capability maturity. Various cloud hosted options are available – including SAP's HANA Enterprise Cloud, Capgemini Cloud (AWS, Azure), and a Partner Managed Cloud.

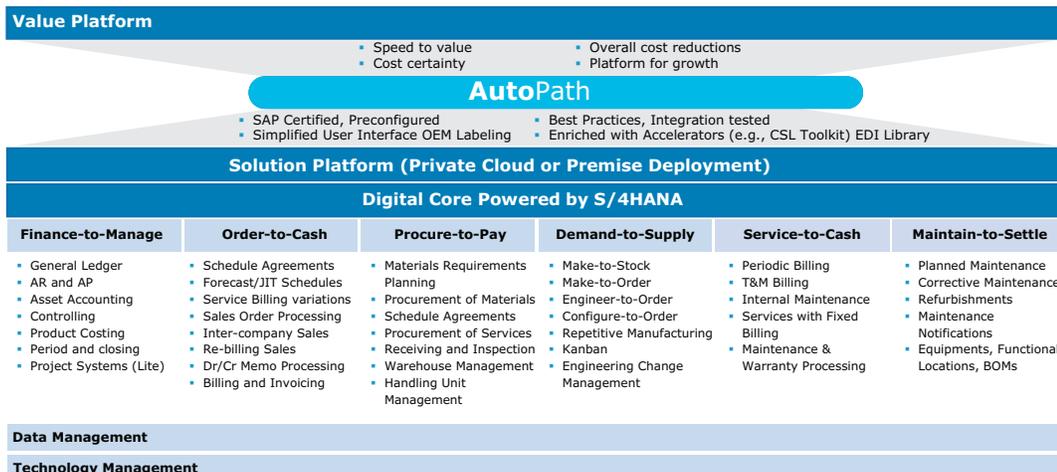
## Capgemini AutoPath Supports Automotive Business Processes

The AutoPath S/4HANA-based digital core for the automotive supplier has **prebuilt, integrated end-to-end SAP business processes** that were designed specifically for automotive suppliers, dramatically reducing the work needed to start getting real value from the solution.



The business scenarios in AutoPath provide a broad scope of out-of-the-box best practices to suit the needs of the business and address common challenges within the automotive supplier sector. AutoPath allows automotive companies to focus 80% of their effort on the 20% of the business that drives 80% of the value. AutoPath pre-built business process scope includes the following “value streams”:

- *Finance-to-Manage* Integrated finance across all operations
- *Procure-to-Pay* Optimized procurement process and supplier quality
- *Order-to-Cash* Frictionless customer processing to increase loyalty and profitability
- *Demand-to-Supply* Multi-mode Manufacturing with Connected Manufacturing powered by IoT
- *Maintain-to-Settle* Integration maintenance including Predictive Maintenance powered by IoT
- *Service-to-Cash* Provide new opportunities to optimize the aftermarket potential





## How Capgemini's iCaptive Methodology Makes a Difference

Capgemini has completely **reinvented the methods that drive** SAP-enabled business transformation initiatives with its iCaptive Methodology. Customers do not start with a blank canvas; much of the groundwork is already done for them through pre-built AutoPath solution design and documentation content. The Capgemini iCaptive repository:

- Contains pre-populated content for more than 400 leading practice, industry-specific business processes
- Provides market-tested implementation content and guides, including configuration documents, process flows, business process documentation, KPIs/metrics and key design decisions
- Includes built-in site and country-specific content to address localizations to the global template
- Has built-in business process integration aligned with SAP's Solution Manager
- Drives the lean concept of design error-proofing by tying each process to the individual configuration nodes and key decisions required to complete that piece
- Provides timely upstream visibility into areas of greater implementation risk, like project management and governance, organizational change management, data management, development and integration, security and compliance

The digital transformation journey is enabled by leveraging the AutoPath solution and iCaptive Methodology seamlessly to accelerate implementation and deployment without sacrificing quality. Less wasteful haste, more efficient speed. To achieve this goal, AutoPath provides:

- Pre-configured end-to-end business process scenarios that address 80% of the typical business requirements of life sciences manufacturers
- A strong, experienced and knowledgeable implementation partner in the Automotive industry
- A clearly defined scope and time-frame for implementation
- Reliable, repeatable delivery
- Early visibility into areas that require additional attention

## For more details contact:

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## Why Capgemini?

Capgemini is **the best choice for implementing automotive industry SAP** because in AutoPath, we have a 'nailed down', ready-made solution with which automotive customers can get started right away. We also have a rich history of highly successful collaboration with leading companies across the automotive industry.

AutoPath for the Digital Enterprise supports SAP ERP Central Component (ECC 6) Technology, includes S/4HANA's embedding machine learning (which builds insight from sensors reading data and the system using that data to calculate the effort and time needed for particular tasks) and data exchange via EDI.

## About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of over 200,000 team members in more than 40 countries. The Group reported 2018 global revenues of EUR 13.2 billion.

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