

Bosch rapidly scales automation with Catalytic

CHALLENGE

The company needed a strong, collaborative automation technology partner to accelerate its digital transformation

SOLUTION

Catalytic helped the team evaluate its operations, design and implement automated processes and uncover ways to scale efforts

IMPACT

More than 5 million tasks have been automated, saving 35,000+ hours of effort in one year

**BOSCH**

INDUSTRY

Manufacturing

COUNTRIES SERVED

Global

EMPLOYEES

410,000

A look behind the Bosch/Catalytic partnership

Catalytic has been a driving force within Bosch's digital transformation journey. In just 18 months, Bosch's use of Catalytic has grown from a pilot automated process to 5 million automated tasks annually across 31 countries. In July 2019, Catalytic was honored with the Bosch Global Supplier Award in the Innovation category, from among the company's 43,000 suppliers.

**31**
COUNTRIESWITH LIVE AUTOMATED
PROCESSES**5**
MILLIONAUTOMATED TASKS
ANNUALLY**#1**
INNOVATION2019 GLOBAL SUPPLIER
OF THE YEAR

Why the partnership between Bosch and Catalytic has been so successful:

1. STRONG, VISIONARY STAKEHOLDERS

Bosch's stakeholders believed in the potential of automation technology from the beginning, and saw Catalytic as a catalyst for change across the entire organization. This elevated the conversation immediately, and much of the tool's accelerated adoption can be tied to this strong vision and support.

2. A CONTINUOUS FOCUS ON GROWTH

The team at Bosch takes full advantage of the Catalytic tool, participating in regular trainings and Automation Days, and exploring new use cases. There's no end in sight for Catalytic's potential at Bosch, with 50 certified builders—employees trained to build automations with the tool—and counting.

3. CATALYTIC MET ALL OF BOSCH'S NEEDS FOR A TECHNOLOGY PARTNER

When the company set out to find an automation technology provider, they ultimately decided on Catalytic for four main reasons.

- The ease of building automations allowed Bosch to quickly scale them throughout the company and realize value.
- Catalytic's ability to orchestrate processes that include humans in the loop meant that more processes could ultimately be automated.
- Catalytic's platform met Bosch's rigorous cloud security needs, critical for a company of its size and global footprint.
- With RPA tools also in play at Bosch, Catalytic's tight integrations meant that it could unlock even more value from across Bosch's technology stack.

“Catalytic is the **best automation tool** in our toolkit.”



Antonius Gress
Project Director of Digital
Innovation & Automation

WHAT AUTOMATION WITH CATALYTIC LOOKS LIKE AT BOSCH

More than 1,000 automations have been created at Bosch, impacting 5 million tasks annually:



Report creation:

Merge multiple input files, make calculations to create reports, etc.

Audience-specific report distribution and input collection:

Pre-filter reports, send to specific audiences and collect input via webforms



Follow up and reminders:

Follow up on open items like unpaid invoices or setting custom instructions for regular payment cycles

Check and validate:

Rule-based checks if data is entered correctly and within defined margins



Examples of Catalytic in action at Bosch across HR, procurement, finance/accounting, and supply chain

Supplier data quality. Catalytic was instrumental in helping Bosch design and implement a quality check process for entries within its Supplier Relationship Management (SRM) tool. After buyers manually enter data, Catalytic can instantly check it against a predefined list of potential errors, and route deviations to the appropriate buyer.

Supplier compliance. In order to ensure compliance with the Restriction of Hazardous Substances Directive, Bosch used Catalytic to automate the distribution of 3,600 reports tailored to each supplier, and tracked the completion of supplier tasks in response to the reports. In total, this saved the company 200 days of effort.

Contract term extraction. Catalytic scanned 69,000 contracts using OCR and automatically extracted key terms. When needed, a Bosch employee was prompted with a form to handle exceptions and continually improve the extraction engine. This process saved Bosch employees 1,500 days of effort.

Headcount reporting. It previously took two employees two full days to complete a company-wide headcount report each month, taking four hours alone to sort and calculate data. Catalytic was able to automate much of the process by integrating with its payroll system and consolidating data from more than 100 cost centers. Today the process takes one employee just half a day, and the data analysis takes 2.2 seconds.

Damaged freight reporting. Bosch employees at one U.S. warehouse were spending three hours manually documenting damaged freights via paper forms. Catalytic now orchestrates a process where employees use a scanner to read shipment information, then are prompted to take a photo of the damaged freight, which is automatically uploaded into a document that is forwarded to the shipper after review. It saved an employee half a day's effort each week.

Gratuities reporting. A Bosch employee spends roughly 40 hours each quarter manually compiling a gratuities report on behalf of procurement employees, which involves coordinating communication and signature approvals. Using Catalytic, the entire process is automated, from triggering an email to employees to gathering and aggregating approved data each quarter. The automation saved .25 FTE and helps Bosch avoid compliance risks and fines.

Benefits consolidation. Twice a year Bosch needs to reconcile and consolidate its employee benefits information across 72 locations. The process involves communicating with approximately 50 employees via more than over 200 total emails to request and gather headcount information to execute this project. Prior to using Catalytic to orchestrate this process, it would take one employee 80 hours per year, and with Catalytic that employee's time spent on this project is one hour annually.

Want to learn more about the impact of automation?

Contact us to learn more about how Catalytic can enable your team to do more meaningful work:

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