

# Why Spend 90% of Your Administrative Effort on Parts That Represent Only 10% of the Value of Your Products?

Manufacturers of automobiles, airplanes, and other complex products are constantly faced with a conundrum regarding nuts, bolts, screws, commodity tools, and so forth – the so-called C-parts needed to manufacture their products. The problem? While C-parts themselves represent only 10% of overall product costs, they account for 90% of asset management effort. c-Com GmbH, a German startup, saw a way to greatly reduce those management efforts and costs, but it needed the right cloud platform to make it possible.

c-Com's strategy required the ability to move resources around easily among business partners – a special strength of SAP® Cloud Platform leveraging Cloud Foundry services, which take advantage of the open-source technology that is developed by a community of which SAP is a key member. Using this platform, c-Com developed and is now delivering its service, which is saving customers a great deal of the time and effort they previously spent managing C-part data. The service is proving so unique and valuable that virtually every large automotive and aerospace company is using, evaluating, or at least considering it. Not bad for a startup.



**“Everything we’ve done is possible only through a cloud platform, and in our case SAP Cloud Platform was clearly the best choice. We also use the SAP Cloud Platform Workflow service to orchestrate processes and SAP API Management technology to connect IoT devices, apps, external systems, and even ERP systems.”**

Matti Maier, IT Manager, c-Com GmbH

Business partners that collaborate on building highly complex products such as cars and airplanes needed a better way to exchange data on the parts that comprise them, especially administration-heavy C-parts. c-Com found a way to do it using the cloud, but it had to be the right cloud. c-Com was delighted by its choice, the Cloud Foundry, which is based on SAP® Cloud Platform, because it has delivered the robustness, reliability, performance, and strength in data exchange needed for its service to be a winner in this demanding market.



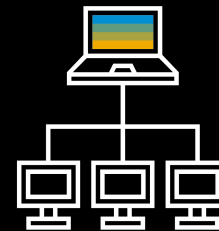
**90%**

Of effort managing assets attributable to C-parts



**10%**

Of total parts procurement costs spent on C-parts



**1**

Database for all C-parts of a product





# Transforming C-Parts Management with a Digital Tools Platform on **SAP® Cloud Platform**



**c-Com GmbH**  
Aalen, Germany  
[c-com.net](https://c-com.net)

**Industry**  
High tech

**Products and Services**  
Software for C-part management

**Employees**  
15 to 20

**SAP® Solutions**  
SAP® Cloud Platform,  
SAP Cloud Platform  
Workflow service, SAP API  
Management technology,  
and SAP Authentication 365  
mobile service

c-Com GmbH built a digital tools platform to support complete lifecycle management of C-parts and reduce procurement and refurbishment costs. SAP Cloud Platform Workflow helps c-Com to orchestrate and simplify tool lifecycle management processes. SAP API Management helps to share real-time tools data between the tool makers and manufacturers so drilling machines can get this data in real time from the cloud.

## Before: Challenges and Opportunities

- Provide customers with a data-sharing solution that saves them much of their C-part management effort
- Adopt the best cloud platform for delivery of the service

## Why SAP

- Ability to move resources around easily among business partners
- SAP's multicloud strategy
- SAP software's unrivaled connectivity with ERP systems
- SAP's leadership role in the Cloud Foundry development community

## After: Value-Driven Results

- Empowered business partners to collaborate better
- Freed their workers from mundane tasks to contribute at higher levels
- Provided a very robust, reliable, high-performance platform for service delivery
- Enabled faster innovation
- Improved workflow visualization
- Made data accessible to field engineers using smartphones – saving time, avoiding errors, and boosting sales
- Commanded the attention of nearly all of the world's large car and airplane manufacturers, among others

**“Our application is perfect for expansion into Internet of Things technology. As soon as we have our concepts in the right shape, we are going to focus on solutions and most likely wind up **using the SAP Leonardo system.**”**

Matti Maier, IT Manager, c-Com GmbH

**30%**

Reduction of effort for customers and suppliers

**99.9%**

System uptime with SAP Cloud Platform using Cloud Foundry services

**30%**

Tool refurbishment costs saved

**30 minutes**

Saved per day per developer by using the cloud for software development



See how c-Com orchestrates data and processes with SAP Cloud Platform Workflow.



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