

Be sure. **testo**



**bertrandt**

## Reference

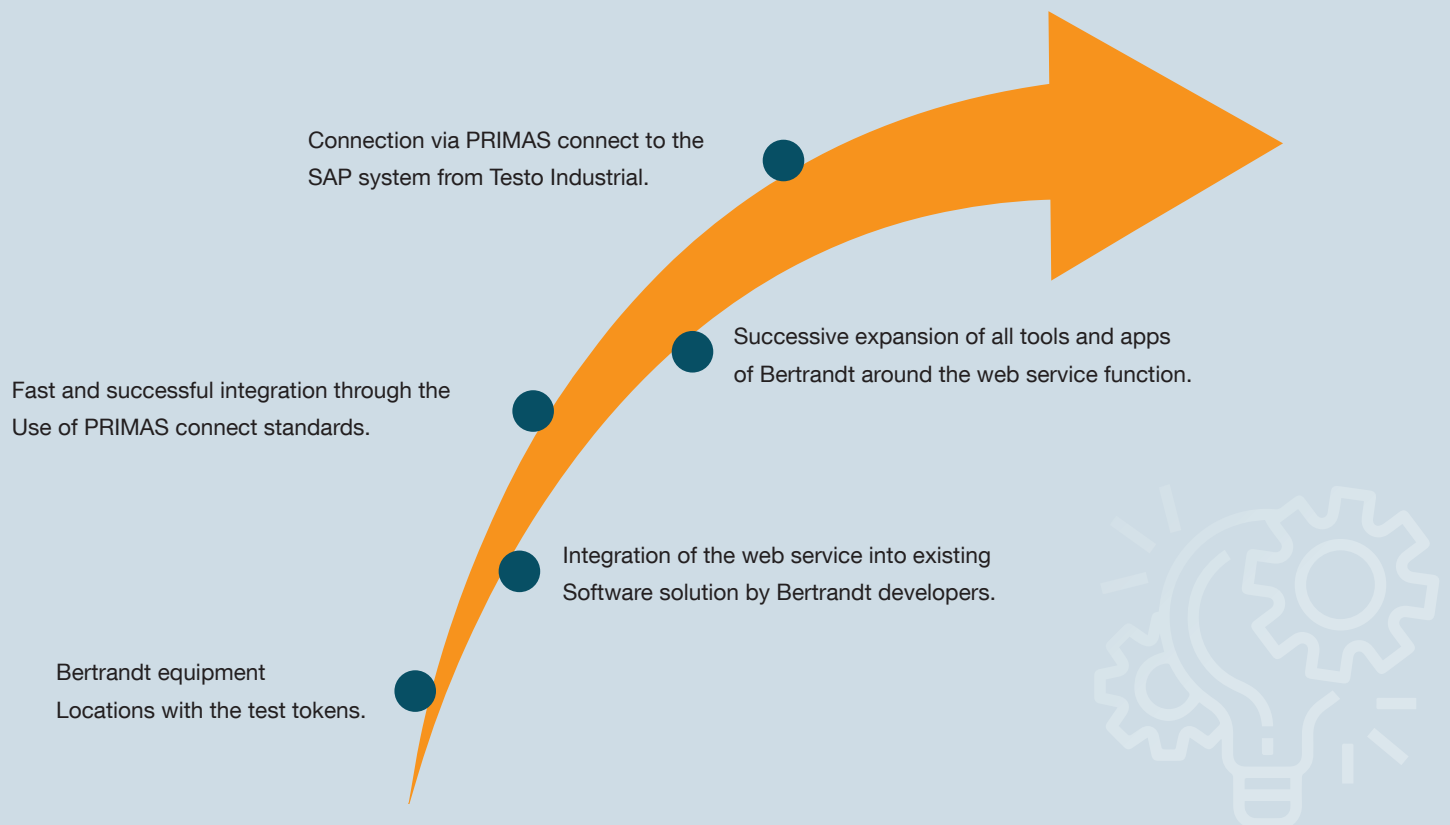
**PRIMAS connect as digital interface  
in the resource planning of Bertrandt**

## The project goal

Within the scope of the introduction of PRIMAS connect, the greatest possible automation in the use of test equipment data is to be achieved. PRIMAS connect is a web service that provides automated access and queries to PRIMAS online or to all test equipment data that can be called up online in PRIMAS in the system of Testo Industrial Services. This means that test equipment master data and calibration certificates can be retrieved directly from customer systems/applications or documents in an automatised manner and integrated into the value-added process.

- ✓ Reduction of manual accesses to PRIMAS online
- ✓ Reduction of time-consuming searches in PRIMAS online
- ✓ Central provision of information about the software solutions used by Bertrandt
- ✓ Availability of current test equipment information within Bertrandt's own tools and apps

## The course of the project



---

**>> By using PRIMAS connect, it is possible to now create test reports more efficiently. We save time and reduce possible sources of error. <<**

---



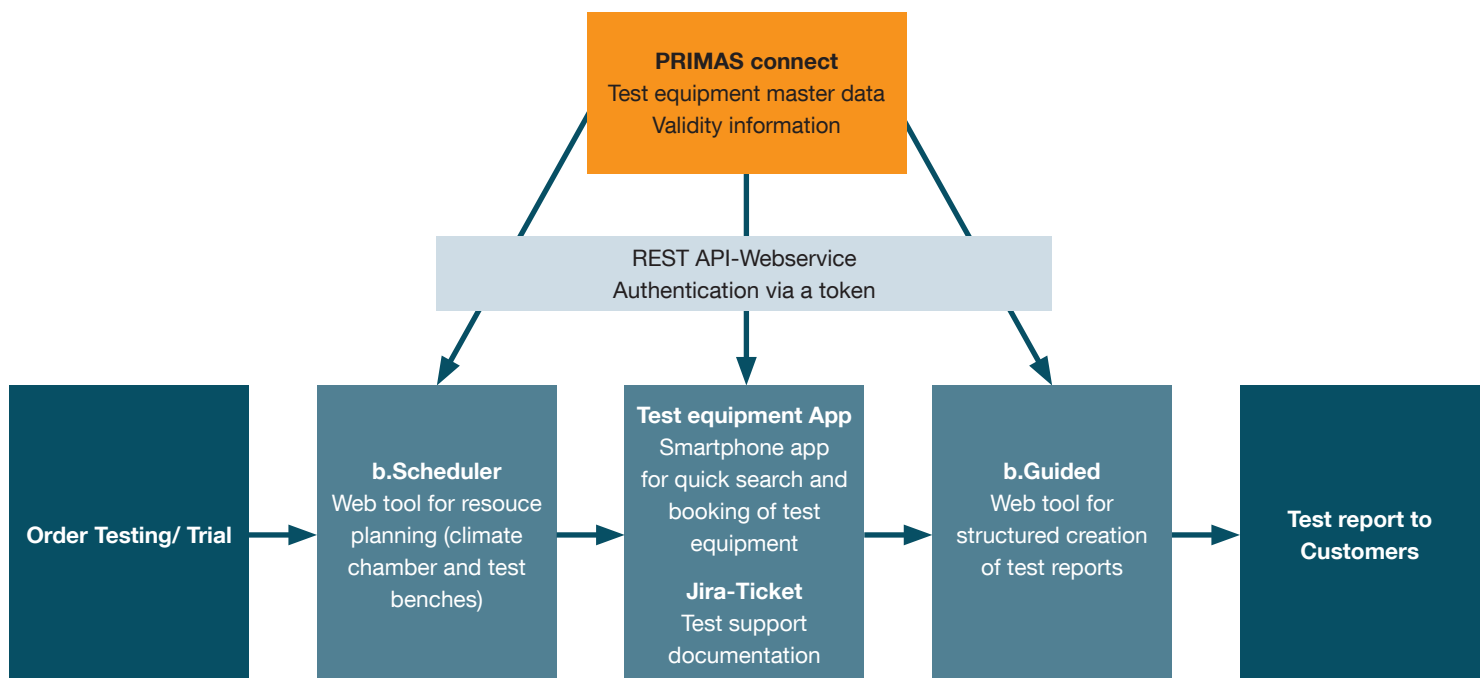
Andreas Merkel,  
Testing Interior & Exterior,  
Unit Testing Solutions  
Bertrandt AG

## Our solution: Integration of PRIMAS connect in Bertrandt tools

With the connection of several tools and web apps from Bertrandt's own developments to PRIMAS connect, the always up-to-date test equipment data from the PRIMAS test equipment management system is automatically transferred to Bertrandt's internal processes.

The test engineers at Bertrandt are therefore in a position to resource plan the availability of climate chamber.

This is based on, among other things, the validity of the test and measuring equipment used. When booking the available test equipment, an app now also accesses the measuring equipment park and the stored master data from Bertrandt via PRIMAS connect. During the creation of the final test reports, important data on the test equipment used is also automatically retrieved and transferred to the respective documents.



### Advantages at a glance:

- ✓ No additional user login
- ✓ Fast access and no waiting times
- ✓ Automated access to current test equipment data
- ✓ Ensuring the validity of the test equipment
- ✓ Use of Bertrandt internal tools and apps







## PRIMAS connect as web service for automated accesses

PRIMAS connect is a web service that enables automated access to PRIMAS online or to all data in the data system of Testo Industrial Services GmbH that can be called up in PRIMAS online.

The identification/authentication is done via a customer-specific token, which allows automated and secure access without prior login to PRIMAS online enables.

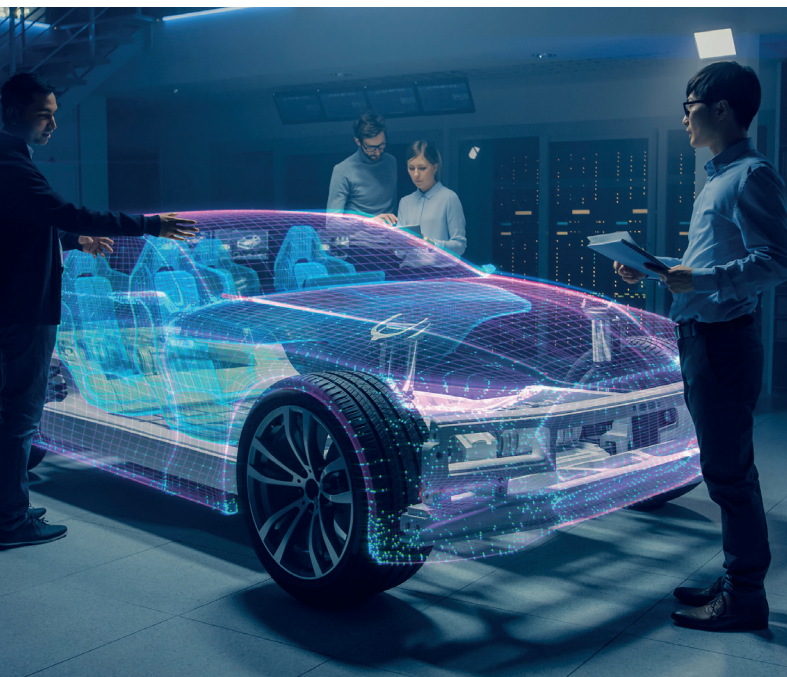
This so-called Web API can be used to retrieve master data, validity information, the latest certificates, and order data. Via PRIMAS connect, calls (hyperlinks) from customer systems/applications or documents are thus also possible. The master data is returned in machine-readable VDI format as XML or as JSON.



# Automated test equipment data for the value creation process at Bertrandt

## Company presentation

Bertrandt is a leading development service provider in the automotive, aviation and mechanical engineering sectors and focuses on first-class technology-oriented services for the mobility of today and tomorrow. The trends digitization, autonomous systems, networking and electromobility play a central role here. Bertrandt also supports customers in numerous other industries with comprehensive know-how - from the energy sector to medical technology. With almost 50 years of cross-industry expertise and a global presence, Bertrandt is able to develop customer-centric solutions quickly and efficiently. The strengths of the development service provider lie both in the speed at which projects can be scaled and in the ability to implement projects holistically - from consulting to implementation and safeguarding to production transfer and after sales. Around 12,000 employees at more than 50 locations worldwide are committed to this.



## Initial situation

Bertrandt operates around 200 climatic chambers at six locations in Germany. The planning of optimal occupancy and capacity utilization is carried out by Bertrandt using several tools and apps. For planning, the information such as the status and availability of the testing and measuring

means manually, at different times and through several users filtered out of PRIMAS online. The aim of the joint project is to automate the data transfer of all measuring and testing equipment for optimized and faster resource planning.



**Testo Industrial Services Ltd**

Stanley House, Old Brick Kiln  
Monk Sherborne Road  
Ramsdell, Hampshire  
RG26 5PR  
UNITED KINGDOM

Tel. +44 1256 648989  
E-Mail [info@testotis.co.uk](mailto:info@testotis.co.uk)

[www.testotis.co.uk](http://www.testotis.co.uk)

Direct to  
[www.testotis.co.uk](http://www.testotis.co.uk)

