



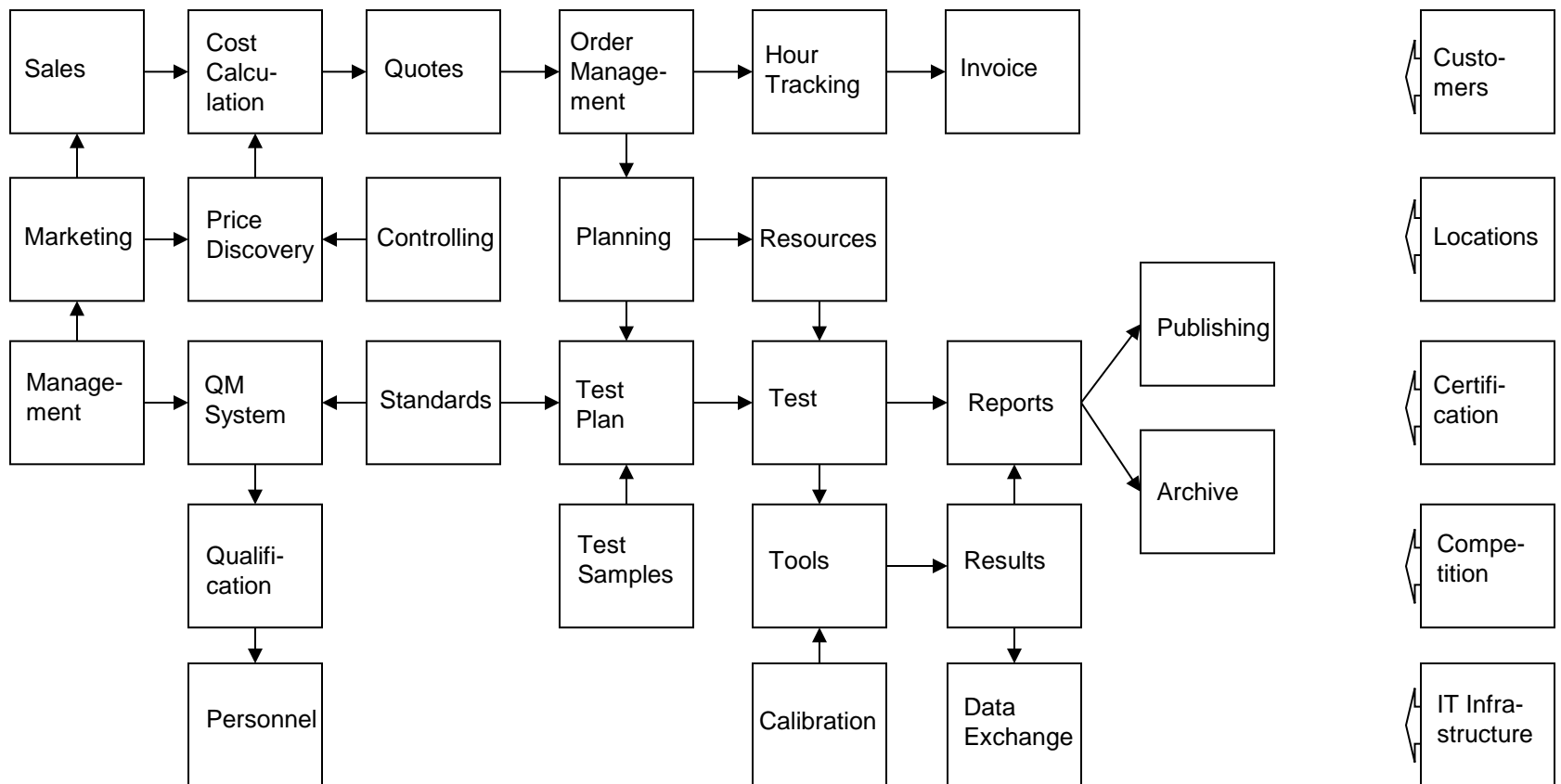
# Starter Kit TestLab Plus 025

Functional Overview

**easy ■ innovative ■ individual**

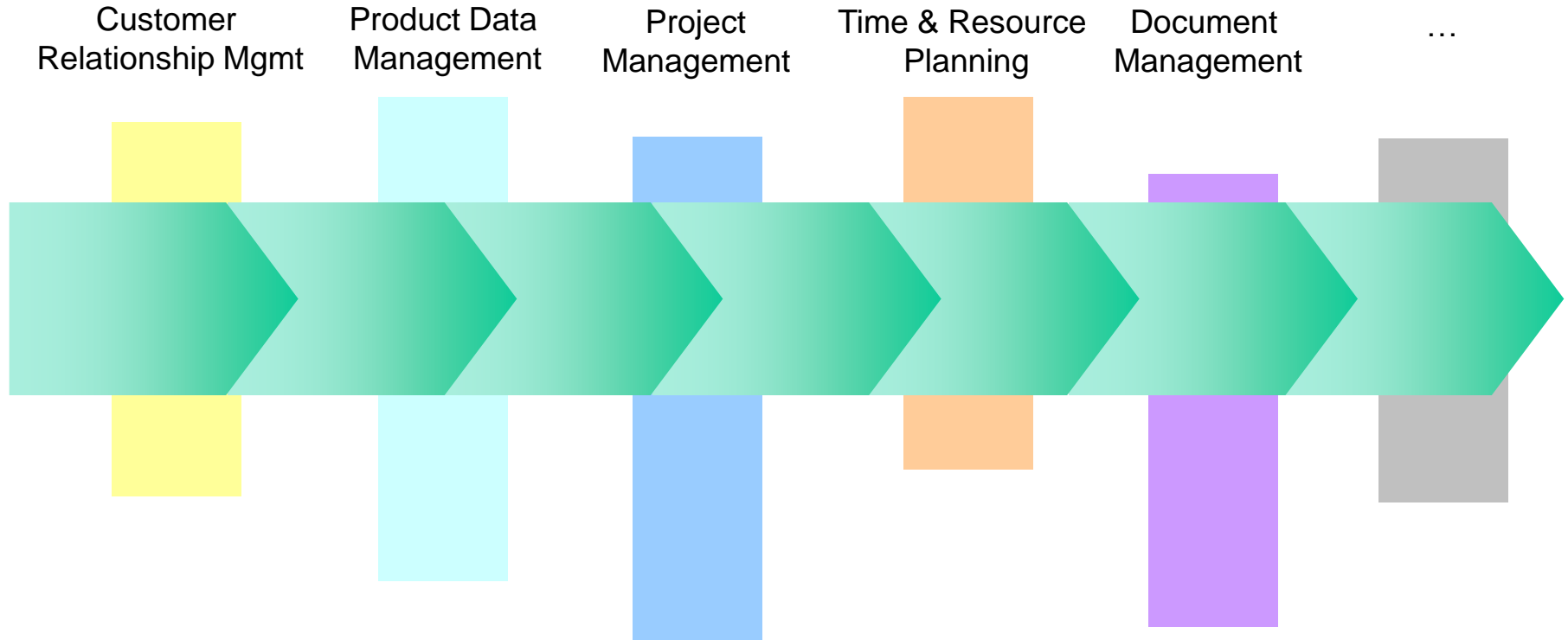
# Lab Management

## The Challenge



# TestLab Plus 025

Focused on the Process of a Test Lab



# TestLab Plus 025

## What's Behind the Starter Kit TestLab Plus 025?

The TestLab Plus 025 starter kit

- supports all processes of a Test Laboratory,
- is no standard software but a very good basis to start the implementation of a comprehensive lab management system with individual enhancements,
- has a very flexible range of functions and can even be extended by more start options,
- can immediately be used as it is and be updated after the implementation to customer specific requirements,
- has a fixed project-price with no further license costs,
- has built-in interfaces to Microsoft Office applications (Outlook, Word, Excel),
- can be integration in your company environment with additional interfaces (e.g. to SAP or other ERP systems),
- is proved by other dacore customers already.

# TestLab Plus 025

What does the Starter Kit TestLab Plus 025 not wanted to be?

The TestLab Plus 025 starter kit

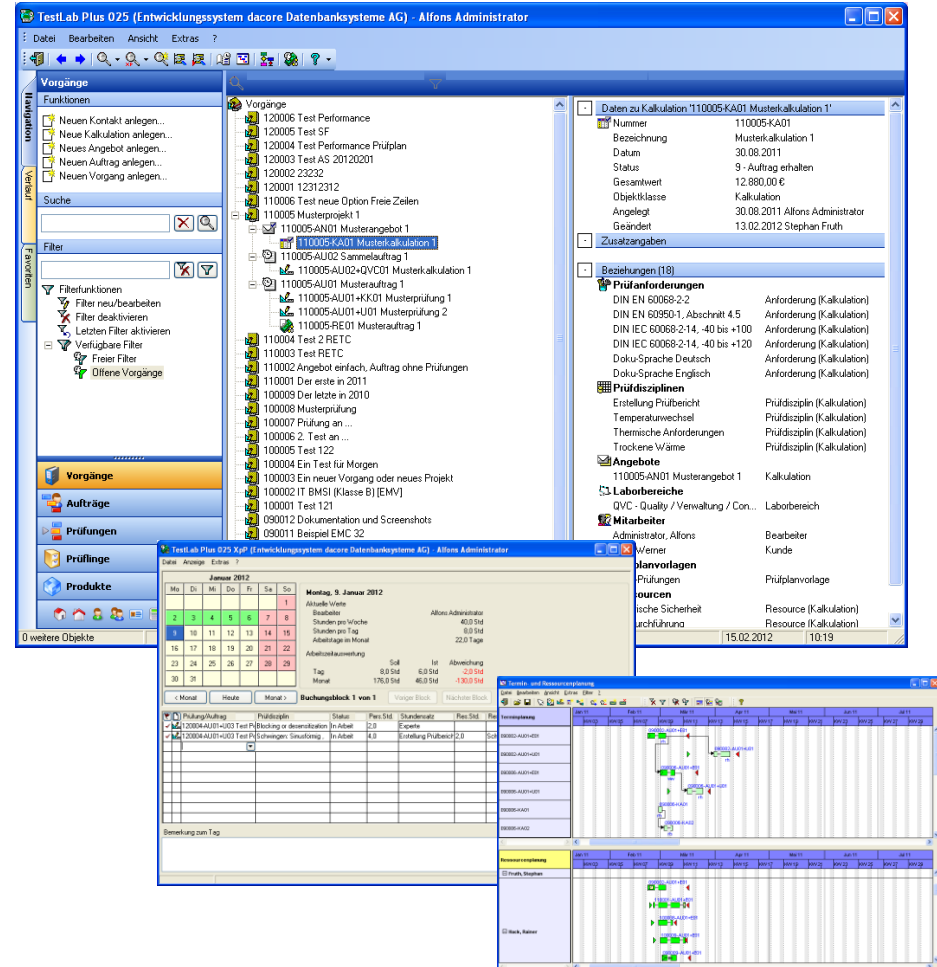
- is no standard software,
- is no system, where continuous updates are necessary,
- does not need an update contract at all,
- has no client based license model,
- is no ERP system but has the possibilities to interface other systems.

# TestLab Plus 025

## Functional Overview (1)

### The Integrated Modules

- Customer Data Management
- Contact Management
- Calculation and Quotation
- Order Management
- Time & Resource Scheduling
- Test Sample Management
- Management of Test Plans and Test Plan Templates
- Assign performed work to Orders and Tests
- Invoicing (internal and external prices)
- Communication Management
- Management of Measuring Equipment

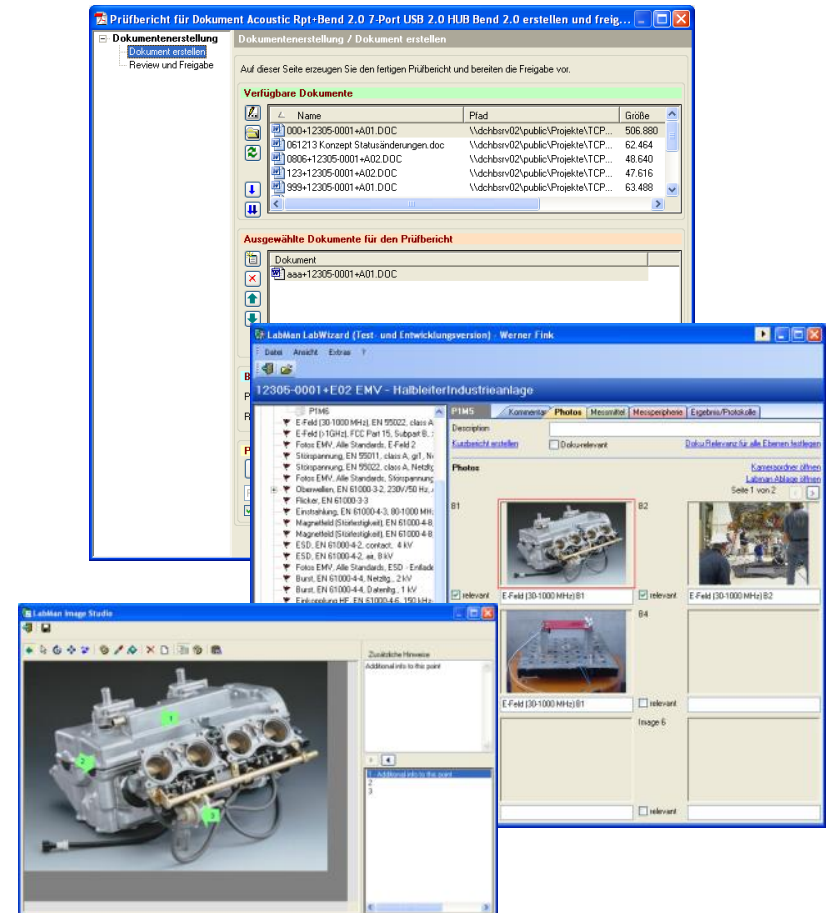


# TestLab Plus 025

## Functional Overview (2)

### The Integrated Modules

- Integrated Quality Management System
- Creation and Management of Test Reports and other Documents
- Integrated Image Processing Tools
- Document Management System (incl. PDF Generation and Electronic Signatures)
- Extensive Analyzing and Report Functions
- Comprehensive Query Functions
- Integrated Messaging System
- Outlook Add-In to save e-mails
- SentTo application to save files
- Administrative Tools



# TestLab Plus 025

## Base Data (Companies, Person, Employees)

- Easy and structured registration and maintenance of customer data
- Different types of addresses
- Quality relevant data for suppliers or calibration departments
- Role based permission and right system
- Create series letters and individualized series e-mails
- Integrated CTI functions (TAPI)
- Data export to Outlook contact folder
- Wizard to quickly register business cards
- Management of company categories and personnel circles

The screenshot displays three overlapping windows from the dacore TestLab Plus 025 software, illustrating the data entry process for companies, persons, and employees.

**Top Window: Objekt: Unternehmen**  
This window is for entering company data. The 'Grunddaten' tab is active, showing fields for Name 1 (Rohde & Schwarz GmbH & Co KG), Name 2, Rechtsform (GmbH & Co KG), Debitorennummer (42033), Kostenstelle, Rabatt, Zahlungsziel, Unsere ID beim Unternehmen, USt.ID (DE 130 256 683), USt. Satz (19,00 %), and Sprache (Deutsch). There are also checkboxes for 'Verrechnung mit USt.', 'Externer Stundensatz', 'Besondere Verrechnungs...', 'Zahlungsverzug', 'Lieferant', 'Kunde', 'Kalibrierstelle/Labor', 'Messmittelhersteller', 'Unterauftragnehmer', and 'Aktiv'.

**Middle Window: Objekt: Person zu Unternehmen Rohde & Schwarz GmbH & Co KG**  
This window is for entering person data. The 'Grunddaten/Anschrift' tab is active, showing fields for Name (Jas dem Walde), Vorname (Heilbert), Nachname (Mühlendorf 15), PLZ (91671), Ort (München), Land (Germany), and Region (Bayern). There are also fields for Telefon 1, Telefon 2, Mobiltelefon, Fax, E-Mail 1, E-Mail 2, and Homepage.

**Bottom Window: Objekt: Person zu Unternehmen dacore Datenbanksysteme AG**  
This window is for entering employee data. The 'Grunddaten/Anschrift' tab is active, showing fields for Name (Allgemein), Vorname, Nachname, PLZ, Ort, Land, Region, and various other fields like 'Eintrittsdatum', 'Austrittsdatum', 'Kostenstelle', 'Personennummer', 'Stundensatz', 'Arbeitszeit', 'Kurzzeichen', 'Benutzername', 'Kennwort', and 'PIN'. There are also checkboxes for 'Berechtigungsrollen', 'Freigibender', 'Temporärer Mitarbeiter', and 'Ressourcenplanung aktivieren'.



# TestLab Plus 025

## Base Data (Test Samples and Resources)

- Record EUT (test sample) configuration in different hierarchy levels
- Assignment to product structure possible
- Import configuration lists from Excel sheets
- Different types of resources available (employees, equipment)
- Resource based pricing model with internal and external prices
- Volume discount pricing possible
- Full price history

ung	Hersteller	Teilenum...
Di...	Siemens	126453X...
7...	Siemens	BG-4567...
i...	Siemens	126822X...
n...	Siemens	1200313...

# TestLab Plus 025

## Base Data (Standards and Test Plan Templates)

- Archive of standards and external certificates (links to external documents or other storage locations)
- Create links and dependencies between standards and other objects
- Assign standards to measuring tools or employees (e.g. responsible person for update)
- Creation of test plan templates for typical test sequences incl. cost calculation
- Management of test methods and test requirements
- Create dependencies between standards and test plan templates or test plans

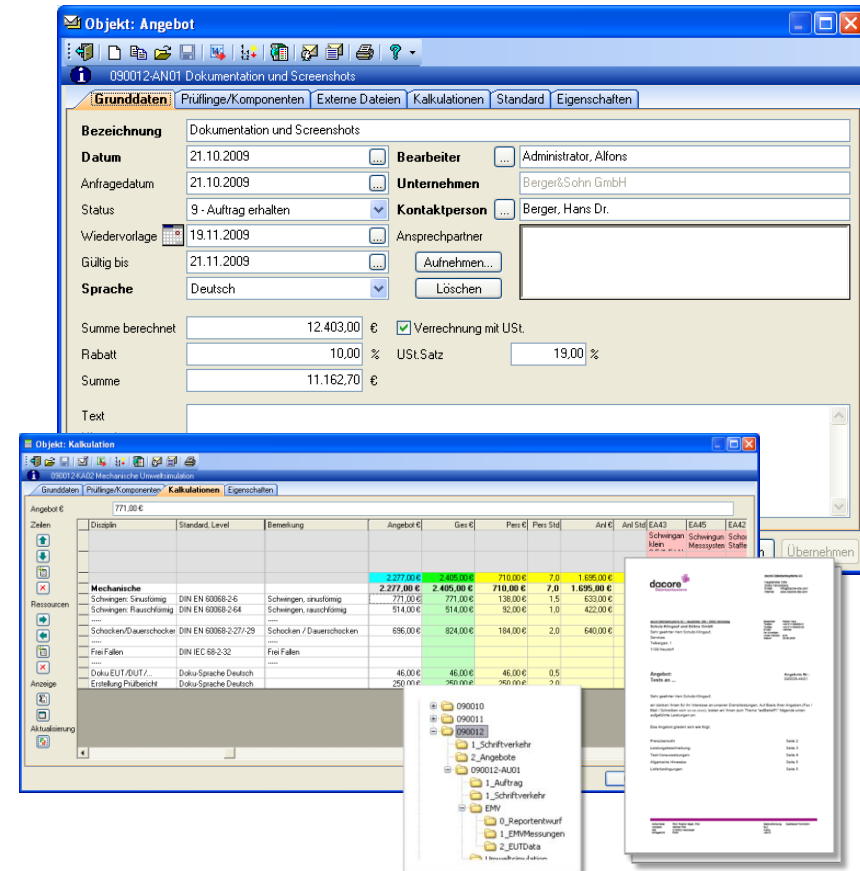
The screenshot displays three overlapping windows from the TestLab Plus 025 software:

- Objekt: Norm** (Top): Shows details for a standard, including 'DIN EN 55020: 2005-11; EN 55020: 2002 +Corrigendum:2005-02 +A1:2003 +A2:2005; IEC/CIS'. It includes fields for 'Kurzbezeichnung' (Audio/Video), 'Normenittel' (Ton- und Fernseh- Rundfunkempfänger...), 'Sprachen' (de, en), 'Ausgabedatum' (01.11.2005), 'Veröffentl. (dop)' (01.11.2005), 'Ankündigung (doa)', and 'Zurücknahme (dow)' (01.02.2008).
- Objekt: Anforderung** (Middle): Shows details for a requirement, including 'DIN EN 61000-4-6', 'Standard', 'Standard (engl.)', 'Level', 'Level (engl.)', and 'Beschreibung' (Bewertungskriterium A, ausgenommen Frequenzbereiche 47-68MHz bei 3V).
- Objekt: Prüfplanlage** (Bottom): Displays a table for test plan templates with columns for 'Standard', 'Level', 'Beschreibung', 'Anforderung', 'Preis', 'Pers. Std.', 'Anf. Std.', 'EAG1', 'EAG2', 'EAG3', and 'EAG4'. The table contains data for various standards like 'DIN EN 60950-2-2', 'DIN IEC 60950-2-14', and 'DIN EN 60950-1'.

# TestLab Plus 025

## Cost Calculation and Quotation

- Define scope of work and the test plan for calculations already
- Creation of tenders based on calculations
- Creation of documents based on Word or Outlook templates
- Automatic creation of folder and file structures
- Controlling of due dates using Outlook or the internal messaging functions
- Assign employees in different roles for tenders, orders, tests (technical responsible, project manager, ...)



# TestLab Plus 025

## Order Management

- Define scope of order and tests (test plan, services, subject areas, standards, ...)
- Detailed test plan with individual test steps on test level
- Assignment of test samples
- Easy calculation of effort on test level
- Easy and instant overview of accumulated costs
- History of date shifts
- Recording of external costs
- Creation of status reports to the customer
- Wizards to split orders or re-assign an order to another customer

The screenshot displays two windows from the TestLab Plus 025 software. The top window, titled 'Objekt: Auftrag', shows the details for order '090012-AU01'. The bottom window, titled 'Buchungsübersicht - Buchungsansicht', provides a detailed overview of the booking schedule and resource allocation.

**Objekt: Auftrag**

090012-AU01 Interesse an TestLab Plus 025 - Prüfberichtserstellung

Grunddaten | Prüfungs/Komponenten | Begerkungen | Angebote/Aufträge/Personen | Prüfungen | Externe Dateien | Abrechnung | Eigenschaften

**Auftragsnummer:** 090012-AU01

**Bezeichnung:** Interesse an TestLab Plus 025 - Prüfberichtserstellung

**Produkt:** TestLab Plus 025

**Eingangsdatum:** 21.10.2009

**Auftraggeber:** Berger, Hans Dr.

Unternehmen: Berger&Sohn GmbH

Telefon: +49 911 563808-0 Abteilung: Versuchsabteilung Umwelt

Fax: +49 911 563808-20 Standort:

E-Mail: autoemails@Dacore-DBS.com Deb.Nr.: Keine Nummer vorhanden!

**Bearbeitungsbeginn:** 21.10.2009 Techn. Abschluss

**Plantermin:** 18.11.2009 Kfm. Abschluss

**Status:** 3 - In Arbeit

**Auftragsart:** Einzelauftrag

**Sprache:** Deutsch

**Projektbetreuer:** Administrator, Allions

☒ Ressourcenplanung aktivieren

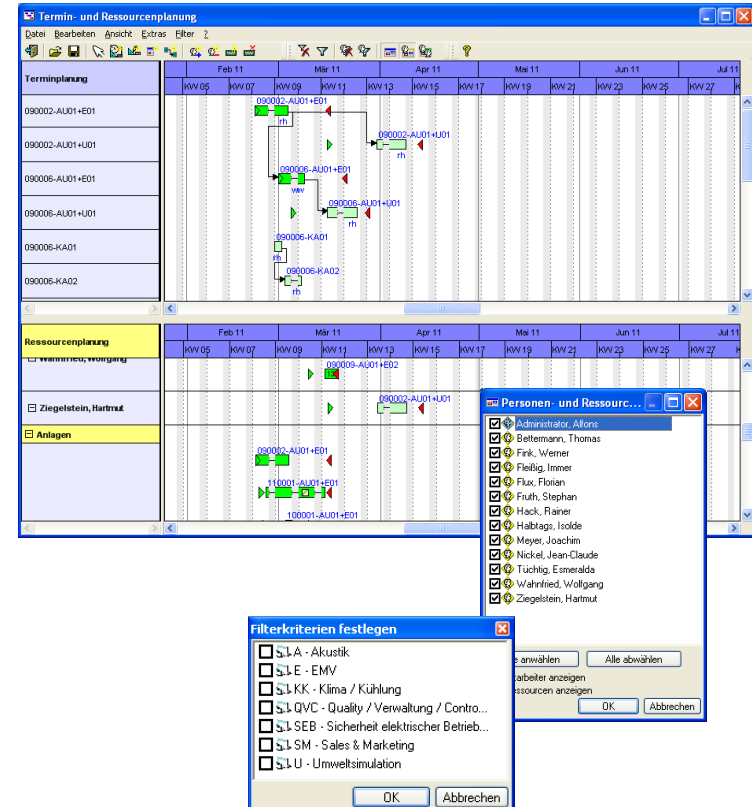
**Buchungsübersicht - Buchungsansicht**

Datum	Pers...	Stundensatz	Res.S...	Ressource	Tätigkeit	Status	Bemerkung
Auftrag (gesamt) Beginn: 21.10.2009 Zieltermin: 18.11.2009 Pers.Std. geplant: 18,0 Std Pers.Std. Ist: 19,0 Std Differenz: 1,0 Std Status: 3 - In Arbeit							
Prüfung 02.11.2009 07.11.2009 Pers.Std. 5,0 Std 7,0 Std Differenz: 2,0 Std Status: 3 - Prüfung in Arbeit							
21.10.2009	1,0 Std	Dokumentation			Doku EUT/DUT...	Ok	
21.10.2009	2,0 Std	Prüfdurchführung	3,0 Std	Absorberhalle [...]	Störstrahlung E-F...	Ok	
21.10.2009	4,0 Std	Erstellung Prüf...			Erstellung Prüfer...	Ok	Bericht vorab zu...

# TestLab Plus 025

## Time and Resource Scheduling

- Integrated time and resource planning module with graphical user interface
- Display of test duration, test sample arrival and confirmed target date
- Assign tests or calculations to resources (employees or equipment) with drag & drop
- Dynamic time scales (past, now, future)
- Individual grouping and selection levels
- Define and manage timely relations
- Filter, print and export functions
- Planning of stand by duties, holidays, reservations and common events
- Display of different planning accuracies



# TestLab Plus 025

## Task Overview

- Easy and quick overview about all relevant activities and data within a task or project
- Summary of all remarks independent where they have been entered
- Display of all documents independent where they have been assigned
- Chronological list of all events and activities

The image displays three overlapping screenshots of the 'TestLab Plus 025 - Vorgangsübersicht' (Task Overview) software interface, demonstrating its various functional views.

**Top Screenshot (Overview View):** This view provides a high-level summary of tasks. It includes a left sidebar with navigation options like 'Schnellübersicht', 'Bemerkungen', 'Daten', and 'Historie'. The main area is divided into sections for 'Vorgang' (Task), 'Bezeichnung' (Designation), 'Datum' (Date), 'Status' (Status), 'Erstellt' (Created), and 'Letzte Änderung' (Last Change). The central table lists tasks with columns for 'Objekt' (Object), 'Bezeichnung' (Designation), 'Status', 'Erstellt' (Created), and 'Letzte Änderung' (Last Change). Tasks listed include 'Angebot' (Offer), 'Auftrag' (Order), and 'Kalkulation' (Calculation).

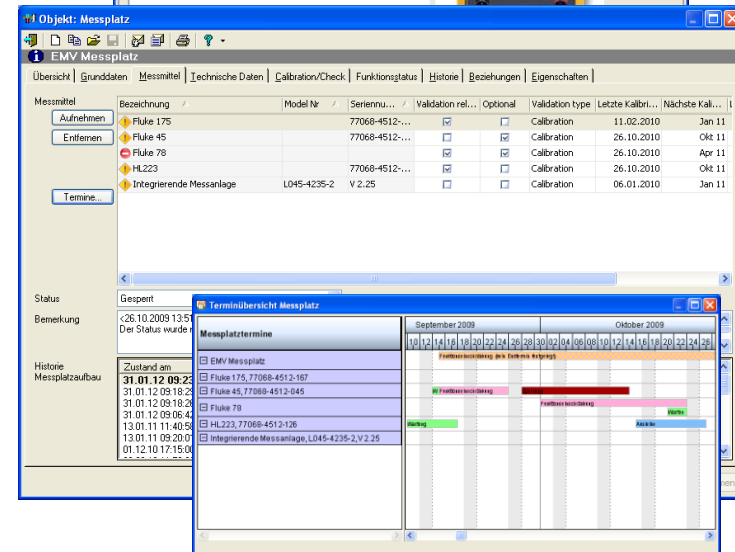
**Middle Screenshot (Remarks View):** This view shows a detailed list of remarks ('Bemerkungen') for a specific task. It includes a sidebar with the same navigation options. The main area displays a list of remarks with columns for 'Datum' (Date), 'Status' (Status), 'Erstellt' (Created), and 'Letzte Änderung' (Last Change). Remarks listed include 'Angebot 090006-AN01 Vorgang komplett' and 'Auftrag 090006-AU01 Vorgang komplett'.

**Bottom Screenshot (History View):** This view provides a chronological list of all events and activities ('Historie'). It includes a sidebar with the same navigation options. The main area displays a list of events with columns for 'Datum' (Date), 'Aktivität' (Activity), 'Objekt' (Object), 'Nummer' (Number), and 'Bezeichnung' (Designation). Events listed include 'Prüfung fortgeschrieben' (Exam rescheduled), 'Prüfungsbeginn' (Exam start), 'Prüfungsende' (Exam end), 'Angebot fortgeschrieben' (Offer rescheduled), 'Angebot erstellt' (Offer created), 'Prüfung gestartet' (Exam started), 'Prüfungsbeginn' (Exam start), 'Prüfungsende' (Exam end), 'Angebot fortgeschrieben' (Offer rescheduled), 'Angebot erstellt' (Offer created), 'Kalkulation erstellt' (Calculation created), and 'Kalkulation' (Calculation).

# TestLab Plus 025

## Management of Measuring Equipment

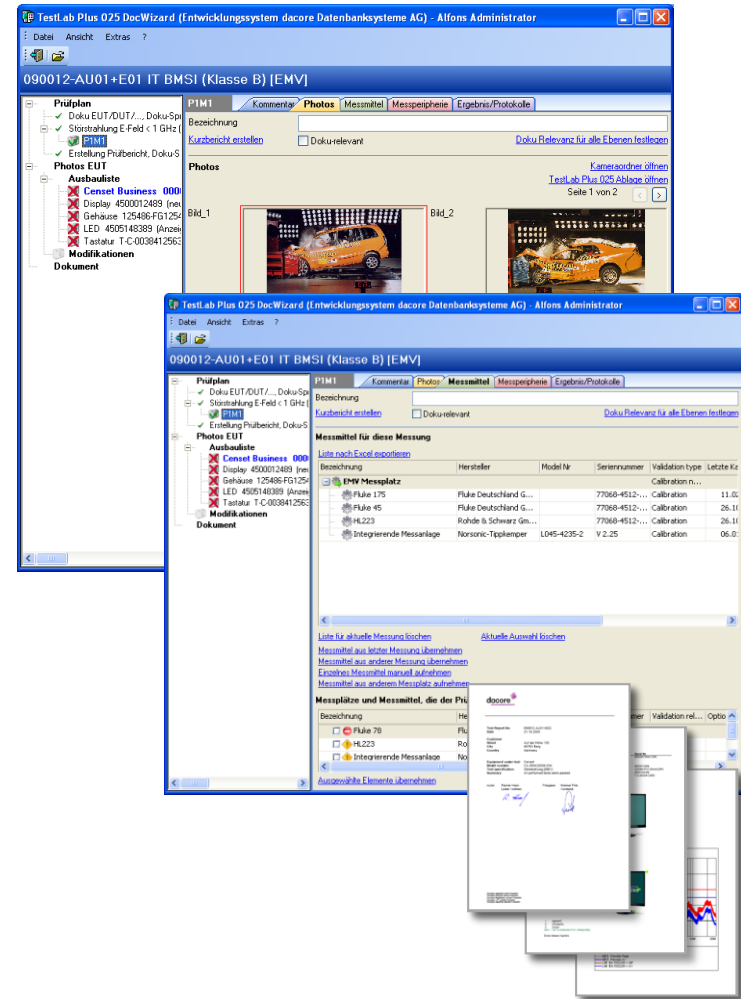
- Recording base data of measuring tools and equipments (technical data, commercial data, additional documents, ...)
- Management of different calibration intervals
- Management of all other dynamic tasks (e.g. functional limitations, rentals, tests, ...)
- Full history function
- Assignment to employees, standards, etc possible
- Integrated evaluation functions (which measuring tool has to be calibrated next month, ...)
- Management of measuring tool setups (work places)
- Graphical display of relevant activities (calibration, rental, maintenance, ...)



# TestLab Plus 025

## Document Generation and Management

- Automatic or semi-automatic generation of test reports (all existing data can be used)
- Assignment of user measuring tools and peripheral components
- Assignment of all images and result protocols
- Integrated image processing functions to mark relevant areas
- Numbering system and version management
- Document review process with PDF conversion
- Release of test reports incl. work flow system with electronic signatures if needed
- Archive functions (database or file structure)





# TestLab Plus 025

## Expenditure Recording and Tracking

- Independent applications to record performed working hours and used resource hours (personal view, order view)
- Immediate overview about the own performance
- Immediate check of planned and actual values (personnel hours, resource hours, revenue)
- Automatic alarm or notification system if actual values deviate from the planned values
- Common tasks can be selected as well
- Recording of external or additional costs or expenditures (e.g. invoices, travel expenses, ...) possible
- Interfaces to other ERP systems available (individual enhancement)

The screenshot displays the TestLab Plus 025 XpP software interface. At the top, there's a calendar for January 2012. Below it, a task list shows two tasks: '120004-AU01-U03 Test P[Blocking or dematerialization]' and '120004-AU01-U03 Test P[Schwingen Sinusform]'. The main part of the interface is a detailed expenditure tracking table with columns for 'Auftrag', 'Personen', 'Stundensatz', 'Res. Std.', 'Res. Std.', 'Bemerkung', and 'Kosten'. The table lists various tasks and their associated costs, including 'Personen', 'Anlagen', 'Kälte-/Wärmeanlagen', and 'Mechanische Umwandlung'. The total cost for the tasks is 1,200.00 €.

Auftrag	Personen	Stundensatz	Res. Std.	Res. Std.	Bemerkung	Kosten
120004-AU01-U03 Test P[Blocking or dematerialization]	2,0	40,0	8,0	8,0	22,0 Tage	1,200.00 €
120004-AU01-U03 Test P[Schwingen Sinusform]	4,0	40,0	16,0	16,0	22,0 Tage	1,200.00 €
<b>Gesamt</b>	<b>6,0</b>	<b>80,0</b>	<b>24,0</b>	<b>24,0</b>	<b>44,0 Tage</b>	<b>2,400.00 €</b>

# TestLab Plus 025

## Evaluation and Query Functions

- Extensive query and evaluation functions answers even complex questions
- Oder overview (comparison of planned values with actual values)
- Hour and revenue evaluations
- Standardize monthly figures
- “What’s new” shows the actual activities
- Individual or system wide available filters
- Export of result lists to Excel, Word, Access or in HTML format
- Script based export routines (can easily be adjusted)
- Objects can be opened wherever they are shown

The screenshot displays two overlapping windows from the TestLab Plus 025 application.

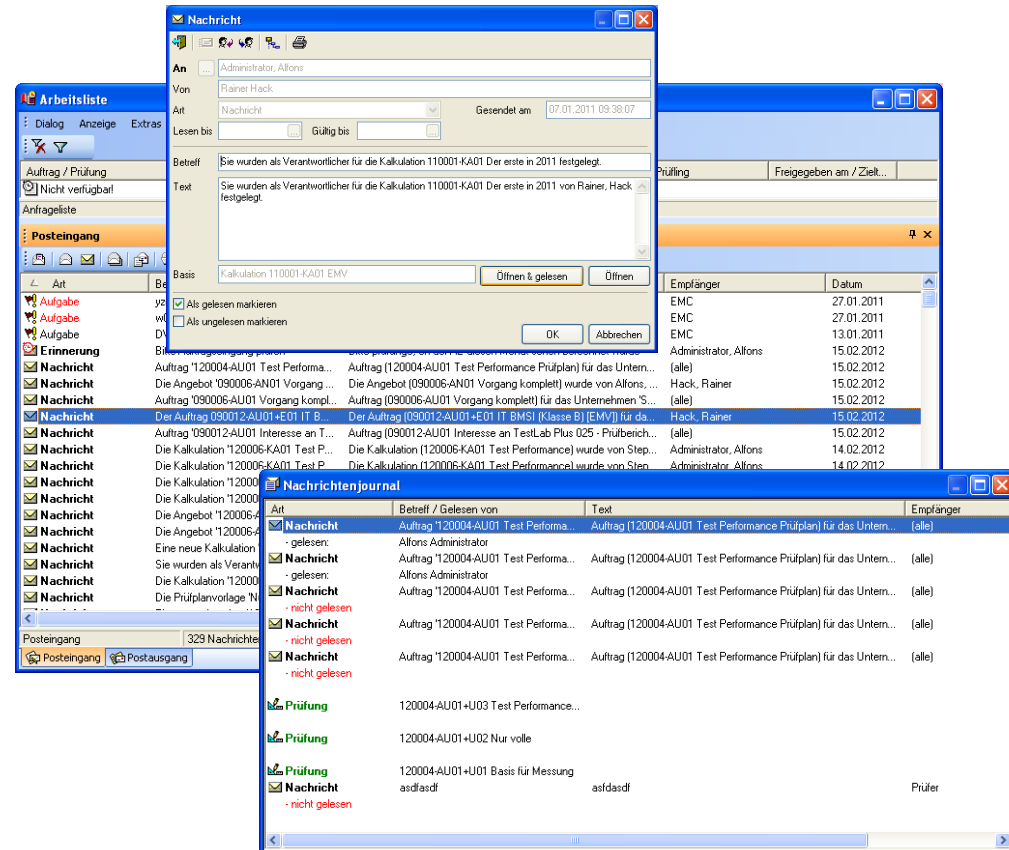
The top window, titled "Auswertungen", shows a table with columns: Angebot, Betreff, Kunde, Telefon, Status, Angebotsdatum, Wiedervorlage, and Test. It contains a list of orders and their details.

The bottom window, titled "Expertensuche (Für Frau Dean)", shows a search interface with a left sidebar for filters (e.g., Auftragsnummer, Bezeichnung, Eingangsdatum) and a main area with a table of search results. The table has columns: Auftragsnummer (formatiert), Auftragsart, Beginn, Abkürz, Status, and Bemerkung. It lists various orders and their current status.

# TestLab Plus 025

## Integrated Messaging System

- Knowing what has been done by whom and when
- Event or time triggered integrated messaging system
- Auto clean up of input box
- Object journal (message history)
- Personalize work lists
- Open object directly from message or work list



# TestLab Plus 025

## Q-Activities (Improvements, Complaints and Ideas)

- Management of improvements, complaints, ideas or other kind of quality relevant activities
- Description of problem, goals, analysis results, solutions, alternatives, decisions, implementation actions incl. review of all activities
- Assignments to other objects as reason or impact
- Assignment of documents
- Electronic signatures for all relevant decisions
- Monitoring of implementation actions

The screenshot displays the 'Objekt: Q-Maßnahme' (Object: Q-Measure) software interface. The main window is titled '09-0002-1 Vorlagen vereinheitlichen' (09-0002-1 Templates unify). It features a tabbed interface with tabs for 'Analyse', 'Lösungen', 'Entscheidung', 'Umsetzung', and 'Review'. The 'Analyse' tab is currently active, showing a form with the following fields:

- Thema:** Vorlagen vereinheitlichen
- Typ:** Idee (dropdown menu)
- Status:** 3 - in Arbeit (dropdown menu)
- Priorität:** M (dropdown menu)
- Termin:** 24.12.2009 (calendar icon)
- Kosten:** 120.00 €
- Nutzen:** €

Below the form, there is a section for 'Entscheider' (Decision Maker) with fields for 'Initiator', 'Kunde' (Customer), and 'Unternehmen' (Company). The 'Kunde' field is marked with a red 'X'.

The 'Entscheidung' (Decision) section is also visible, showing the text 'Wird wie beschrieben umgesetzt.' (Implemented as described). Below this, there is a section for 'V Entscheidungen' (V Decisions) with a list of steps:

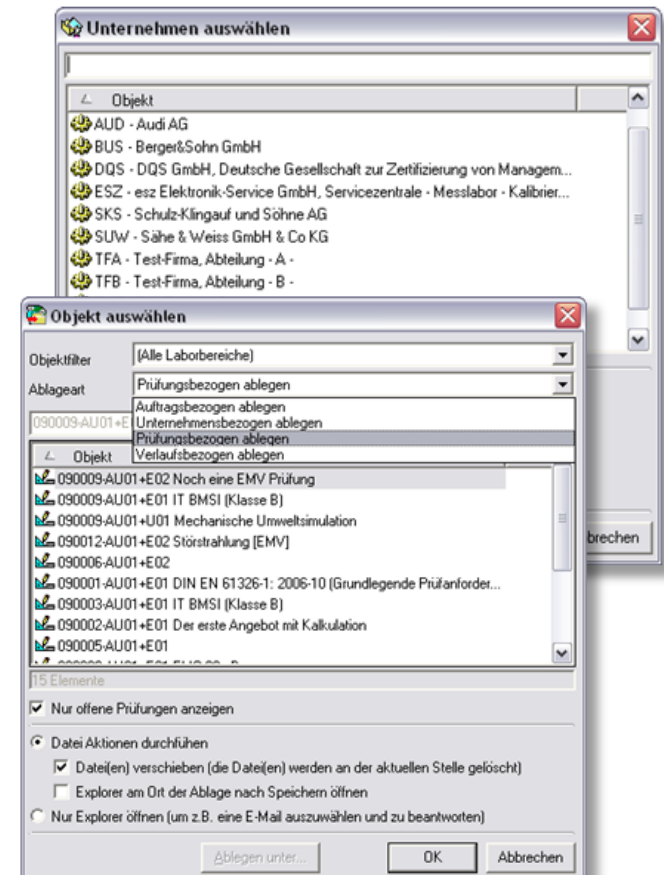
1. Entscheidungskriterien für die Lösung festlegen
2. Lösungsalternativen nach Kriterienliste bewerten
3. Entscheiden mit Begründung der gewählten Entscheidung

At the bottom of the window, there is a signature section with a button labeled 'Unterschrift' (Signature) and the text 'noch keine Unterschrift erfolgt' (no signature yet). The status bar at the bottom indicates 'Erfasst, noch zu entscheiden' (Recorded, still to be decided) and includes buttons for 'OK', 'Abbrechen' (Cancel), and 'Übernehmen' (Accept).

# TestLab Plus 025

## Outlook Add-In, SendTo Application

- E-Mails can be assigned directly in Microsoft Outlook to an order, to a test or a company
- Saving is done in Microsoft message format
- Attachments can be extracted and saved as files
- Save files directly in the Microsoft file explorer using the SendTo menu



# TestLab Plus 025

## More Modules available for TestLab Plus 025 Starter Kit

- Oracle database instead of Microsoft SQL Server
- Lotus-Notes or Group Wise instead of Microsoft Outlook
- Multi-Client system
- Multilingual user interface
- Web portal
- Interfaces to measuring software (EMC32, BAT EMC, S!Mpati, W&T, Insys, ...)
- Interfaces to ERP systems (SAP, Navision, Lexware, ...)
- PDA functions with barcode support
- and even more...

# TestLab Plus 025

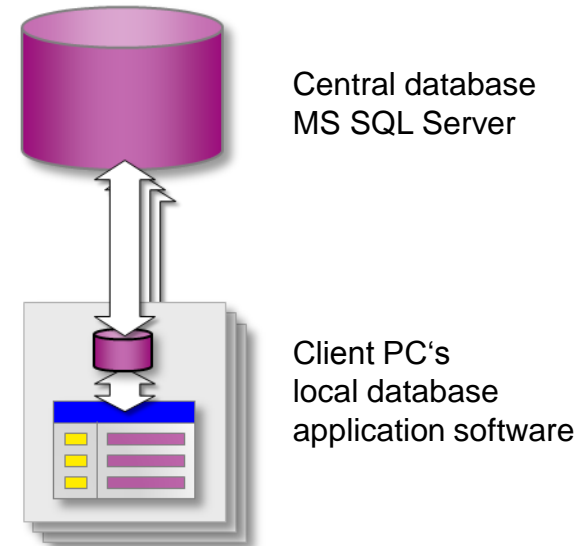
## System Requirements

### Server and database:

- Microsoft Windows Server 2003, 2008, 2012, 2014
- Microsoft SQL Server 2005, 2008, 2012, 2014

### Clients:

- Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 8.1, Windows 10
- Microsoft Office 2003, 2007, 2010, 2013
- Data export to Microsoft Excel, Word, Access or in HTML Format
- Interface to Microsoft Outlook
- Database access via ODBC





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**easy ■ innovative ■ individual**