cologne:data

ukb universitäts klinikum bonn

https://ukbonn.de

IHIS solution

Customer:
The customer is an institute at the university hospital of Bonn / Germany

Oracle products:
WebLogic 12c
Forms/Reports12c

Solution:
Upgrade of 200 Forms/Report modules from 6i to the latest version 12.2.1.4/19 with a facelift using native Forms modernization options and without Code change

About Cologne Data
https://www.cologne-data.de
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The hospital ambulance application "IHIS", generated with ORACLE Designer 100% in 1999, was updated to the latest FORMS version 12.2.1.4/19 in three month including the use of native modernization options. The app has now a brighter design, is secure, and got premium support for the next decade.

„Robert Langenkamp, Software Architect, Haemophilia CCC- UKB Bonn": *With the professional help of Cologne Data and a precise migration plan we were able to upgrade 200 Forms/Reports modules from Forms 6i to Forms 12c. The update was necessary because with 6i we were stuck with the unsupported DB 12.1. Our solution continues now to run 24*7, solid, fully supported by ORACLE, with a brighter appearance and ready for the next decade.*

Project:
The aim of the project was to upgrade from Forms6i to Forms12c and to modernize the GUI with native Forms features and keep the original PL/SQL Code unchanged.

Case study:
The process was carefully planned and executed with the IT department of the hospital.

Highlights:
1) The Parameter Screens of Reports were shifted to Forms and are now dynamically called during runtime.

2) UX: A pop-list with autocomplete allows users to choose a patient out of 15000 entries with a 2 or 3 letter entry in milliseconds for faster startup.

3) UI: A new bright custom color scheme, new icons and logos guarantees a brighter and more professional appearance.

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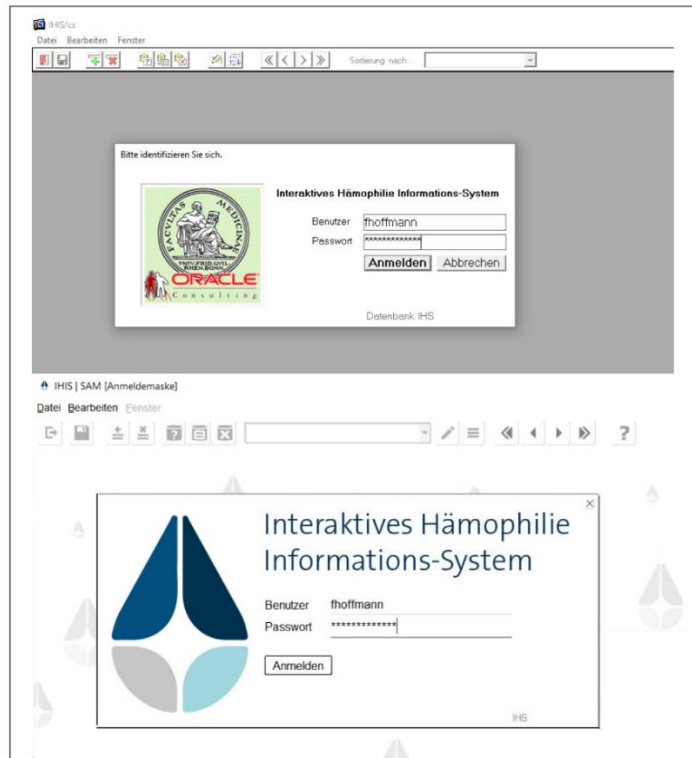WebLogic 12c
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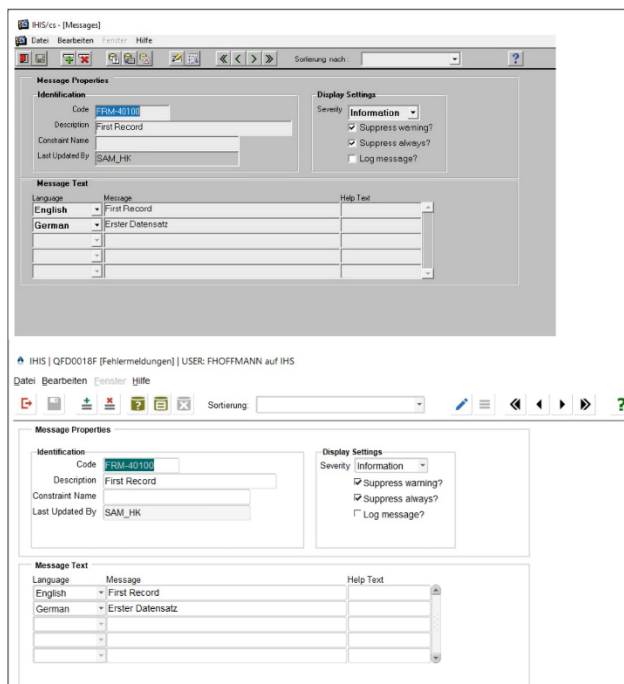**About Cologne Data**
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4) The old 6i Client/Server logic was automatically migrated to 3-tier by Forms API Master with INLINE documentation and including the WebUtil option.
5) Development time to production was 3 months.

The Login Screen got a modern look&feel.

The old grey color and Windows95 icons had to disappear. Here is a simple example of how the dust was cleaned up.

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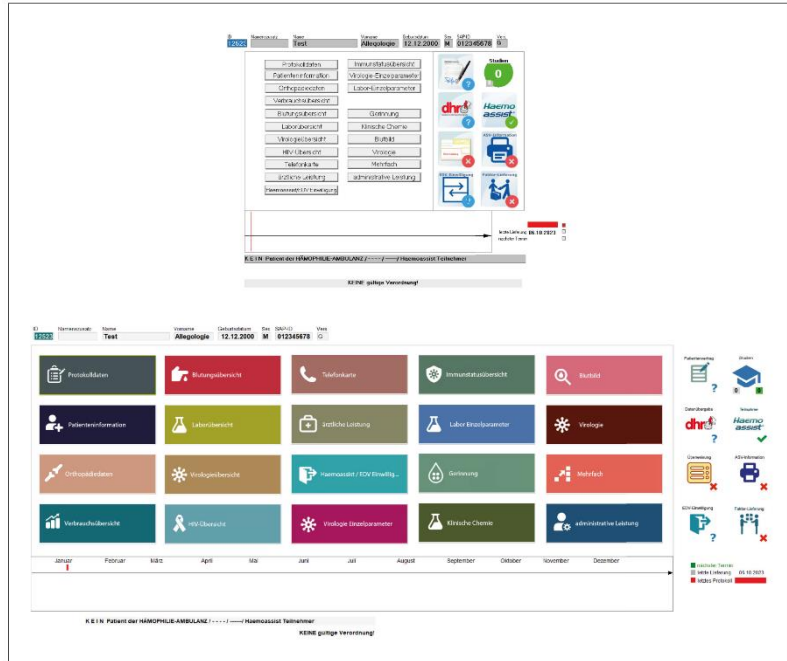
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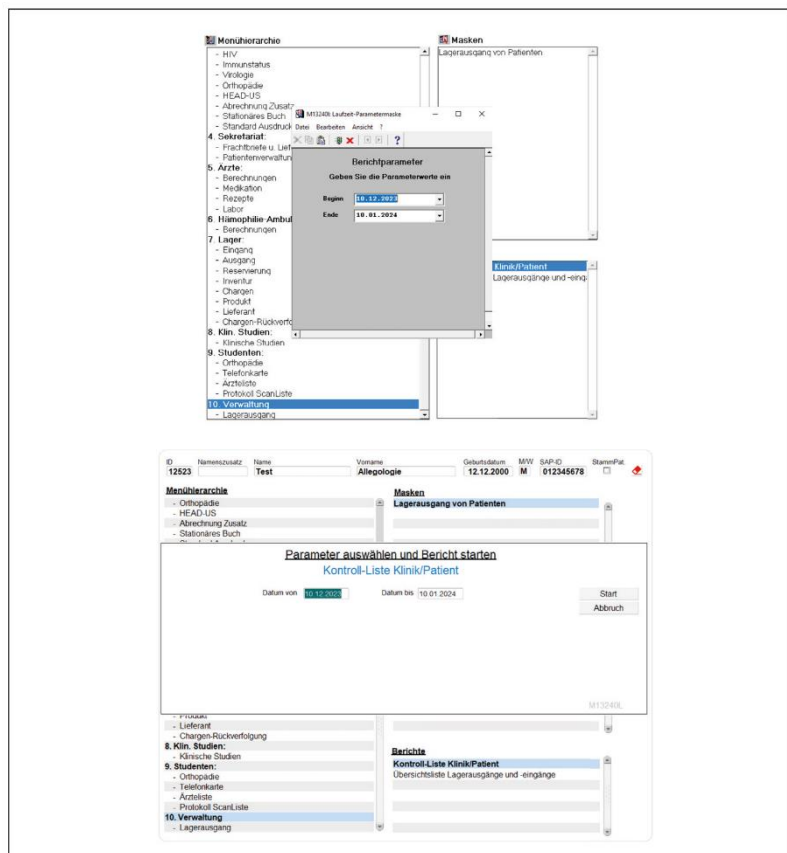
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The doctor information dashboard got a facelift and was adapted to the FULL HD Screen.

The static Report 6i Parameter screen opens in Forms now with the same look&feel of the application.

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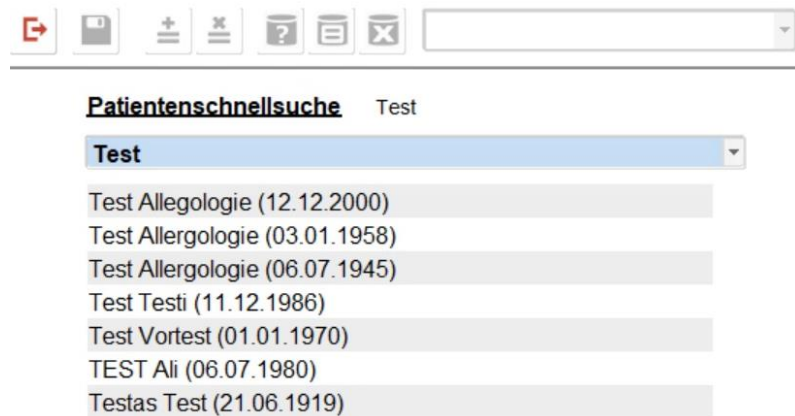WebLogic 12c
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A poplist with autocomplete is now the entry point to pick up a patient out of 15000 entries by typing in a few letters.

The old and small 6i calendar was slightly optimized from Inch to Pixel with larger fonts and some new button icons to support the brighter look&feel but not to break the ORACLE Copyright of the original version.