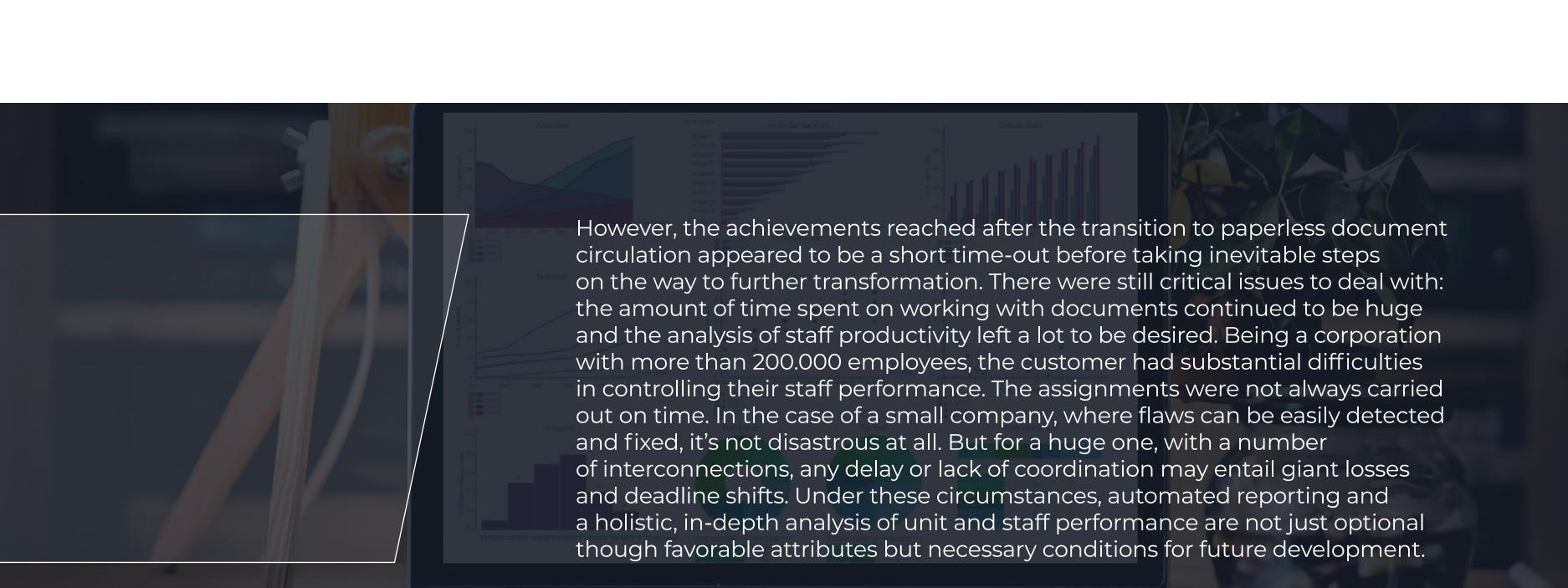
Challenge

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customer's concern. As a rule, their life cycle includes alignment, approval, execution, archiving, and storage. Undergoing the aforementioned procedures in the paper-based management system naturally results in huge piles of waste paper, lost documents and a long search for them, numerous copies, delays in sending and receiving the papers, personnel mistakes, etc. All these problems stimulated our customer to implement an electronic document management system.

About 150.000 documents of different kinds are created annually within our

4 years



Task

document workflow software, providing the customer with an unblurred vision of work processes and the possibility to analyze personnel performance according to specific cross-sections (e.g. divisions, positions, areas of expertise, etc.)

*instinctools team was supposed to improve the already implemented

Solution

reworked the system of report building, optimizing it and making it faster

Working on the project, our team:

- added the mechanisms of deferred reporting, that allow to run reports as a
- background task while continuing other work, and dynamic reporting, wherein visualization changes along with data introduced on-demand reporting and the system of report processing for
- worked out a view-based data model for Oracle DB (including dynamic and materialized views)

particularly large and heavy uploads without preliminary preparation

- created a system of templates (including dynamic ones) for data visualization

refined the customer's internal system, turning it into more intuitive and

Key features



upgraded UI/UX design

user-friendly



Access Control List integration

the possibility to "slice and dice"





Benefits

the time being The time for flaw detection has been decreased.

It's become possible to rapidly direct attention to what is really important for

The customer's got an illustrative view of current - and past - work processes

Thanks to ACL integration, reports are now available to a wide range of

organizational hierarchy

Reports have become more informative

employees according to their access rights, which fosters the proper distribution of responsibilities End-to-end control principle provides the executives with the ability to

control the fulfillment of their instructions at every stage and level of the

 Data export in different formats permits to do post-processing in third-party applications, thereby making data analysis even more thorough.

Technologies

ECM Documentum

JasperReports

Oracle Database

Propriate SW (Spring, Java)

instinctools.com

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