

Case Study: La Fortezza s.p.a.

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La Fortezza Group - overview

Multinational companies group

Core business: shop fittings, checkout counters, shop and office furniture and racks

Production in Italy, France, Russia and Argentina

Offices in Italy, France, Russia, Argentina, Peru, Spain, Switzerland, Saudi Arabia, United Emirates and Malaysia

The project goal: a modern Sales System

Sales workflow:

- quote creation
- quote approval
- production orders management

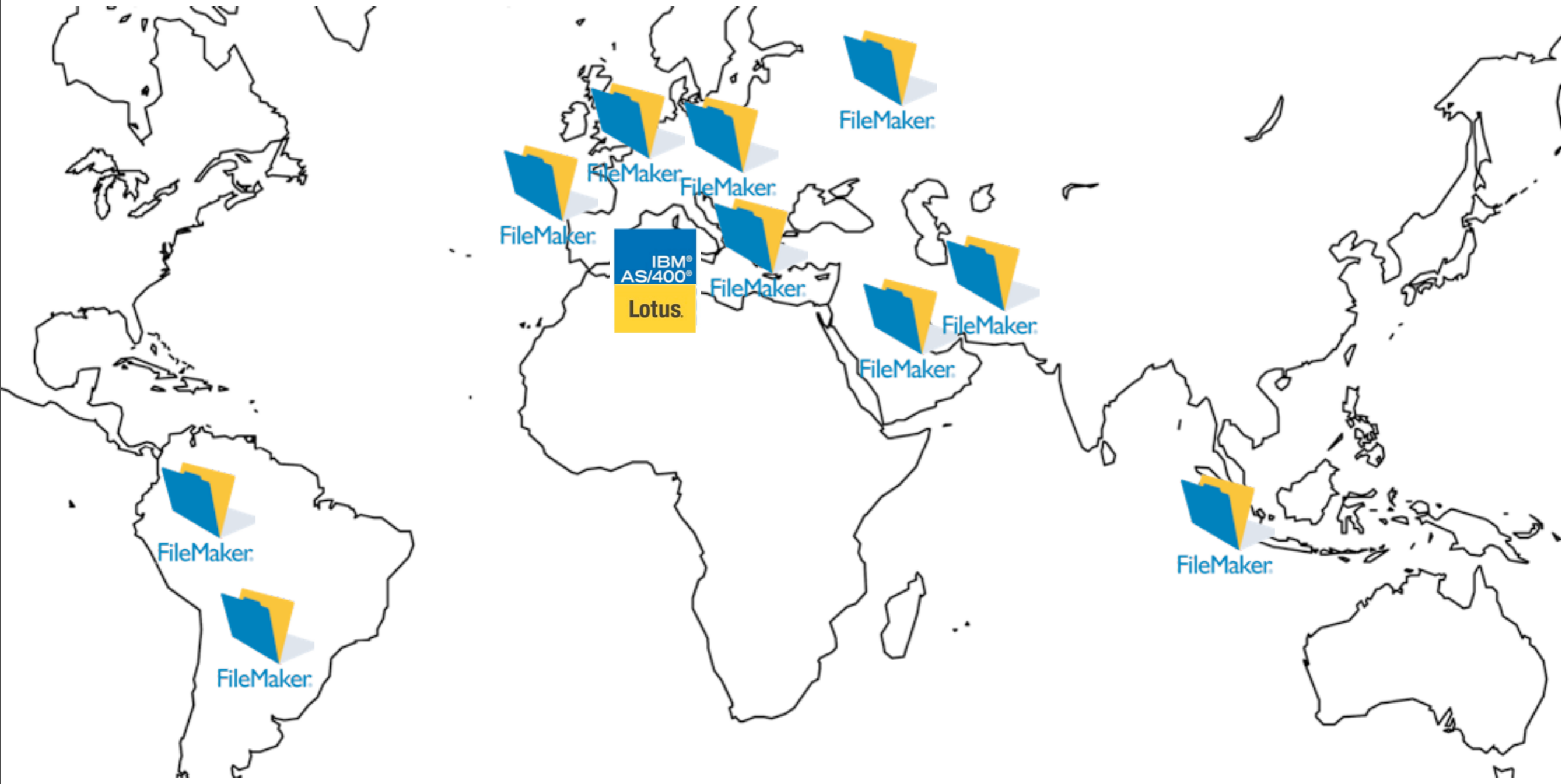
Key requirements:

- reduced complexity of quotes creation
- reusability of similar quotes
- flexibility in pricing procedures
- customized items handling

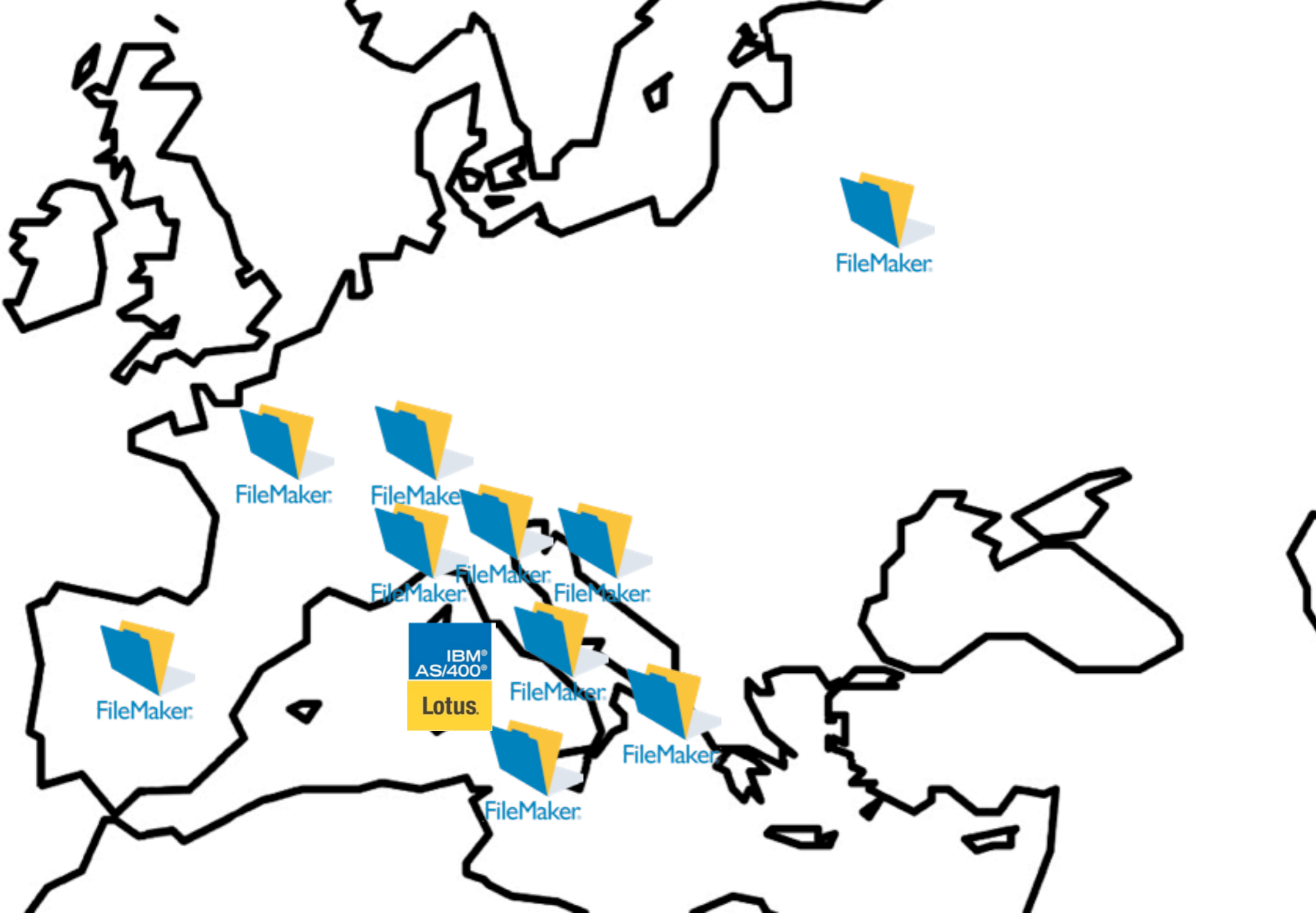
The infrastructure

- Single centralized data center
- IBM AS/400 handling all companies data
- IBM DB2 database
- RPG procedures and routines built in-house
- Private VPN network linking all the group's offices
- Terminal connections to the AS/400 from every office
- FileMaker Servers and clients in every office
- Lotus Notes to manage the synchronization between AS/400 and Filemaker

The old solution: Distributed FileMaker 6 servers



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Why do they want a new solution?

- They want to work on real time data from the AS/400
- Maintaining all the FM servers and clients is expensive and error prone
- Data Synchronization between AS/400 and FM is cumbersome
- They want to reuse business logic from AS/400
- New complex features would require a huge amount of work on the Filemaker solutions
- They want to be able to centrally control all system accesses

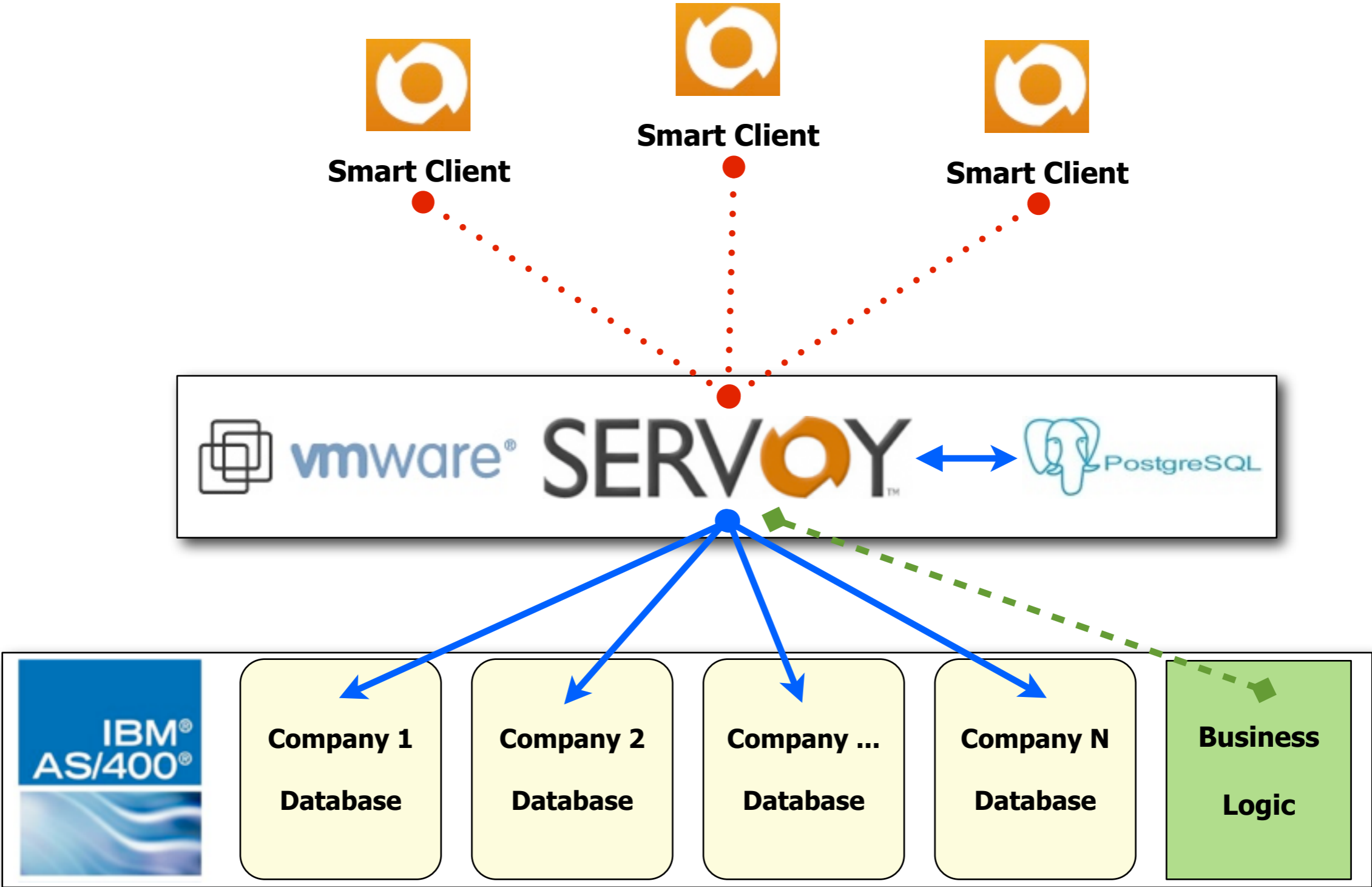
The requirements

- Multi-platform application
- Multi-language support
- Multi-company and multi-office support with data filters from a single code base
- Enforced data security and strict DB access polices
- Server-side business logic
- Easy to maintain and update
- Agile development
- Independence on Reports and Prints design
- Cost effective solution

The new Servoy solution

- Multi-platform Smart Client solution
- Completely i18n with easy GUI to freely manage translations
- One single code base for all the companies and offices with customized data filters
- Works in parallel with legacy routines over existing data sources
- Customizable Reports and Prints using Jasper Reports
- Affordable licensing costs

The new Servoy solution



Building on a legacy system

- Hurdles:
 - Restricted access to data
 - Use of server-side business logic
 - Non relational data structure
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- Solutions:
 - Use of triggers
 - Use of stored procedures
 - Use of views and custom queries
 - Use of views and casting

Demo

- Framework settings (DB config, filters, menus, custom.)
- Users and Groups management
- Audit Trail
- Access log and Errors log
- SintPro Console Module
- i18n Management
- La Fortezza sales system

Conclusions

- Building a modern solution on a legacy system is easy with Servoy
- Leaving full control over key business logic to the customer makes a transition to modern software smooth and easy
- Cloud-ready solution
- Web ready solution
- Giving the customer the ability to design his own reports makes him and you happy

Questions & Answers

Servizi Integrati Professionali

it consulting - software development - database - networking

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