



Migration to PowerServer

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Presenter



José Miguel Rodríguez

Recent Projects

- Worked 20+ years in commercial management sector
- Joined Public Administration managing PB apps at Provincial Council of Almería
- Responsible for PowerServer migration of all in house projects

Key Skills

- Programmer Analyst
- 20+ years of experience
- Different environments and languages (Visual Basic, .NET, etc.)
- PowerBuilder

Company



Provincial Council of Almería

- Provincial government of the Province of Almería, in the autonomous community of Andalucía, Spain
- Two development teams
- 6 PB developers
- More than 40 PB apps
- Start in PB 6, migrated to almost all PB versions

Applications

- Applications developed and currently running on the cloud:
 - **GesPlan** - Manages works in the provincial plans of the Provincial Council of Almería.
 - **Gecal** - Manages contracts linked to the State Procurement Platform.
 - **InterSecre** - Manages information flows between departments.
 - **Café** - Manages economic assistance and grants calls.
 - 40+ other applications...

First Stage

- Applications on terminal server with several Windows Servers using load balancing
- Oracle database
- Problems
 - RDP printing (solved with Uniprint)
 - Licensing

PowerServer Web

> Paradigm shift

- Bright idea
 - Running on any browser
 - Minimal code change
- Remove terminal server dependency
- Remove Uniprint dependency

> Multibrowser plugin

> Problems

- Plugin
- RichTextEdit control

PowerServer 2021

- Turning point at Appeon
- Introduced change
 - Philosophy
 - Infrastructure
 - Architecture
- Triggered
 - Period of study and learning
 - Testing period
 - Entry into C# and .NET with SnapDevelop to capitalize on full potential

PowerServer 2021

- The effort was worth
 - Functionality 98%
 - Interface 100%
 - No more browser plugins
 - Increased scalability
 - Client resources
 - Etc...
- Very ambitious version but not mature enough
- Bridge version to the current version

PowerServer 2022 R2

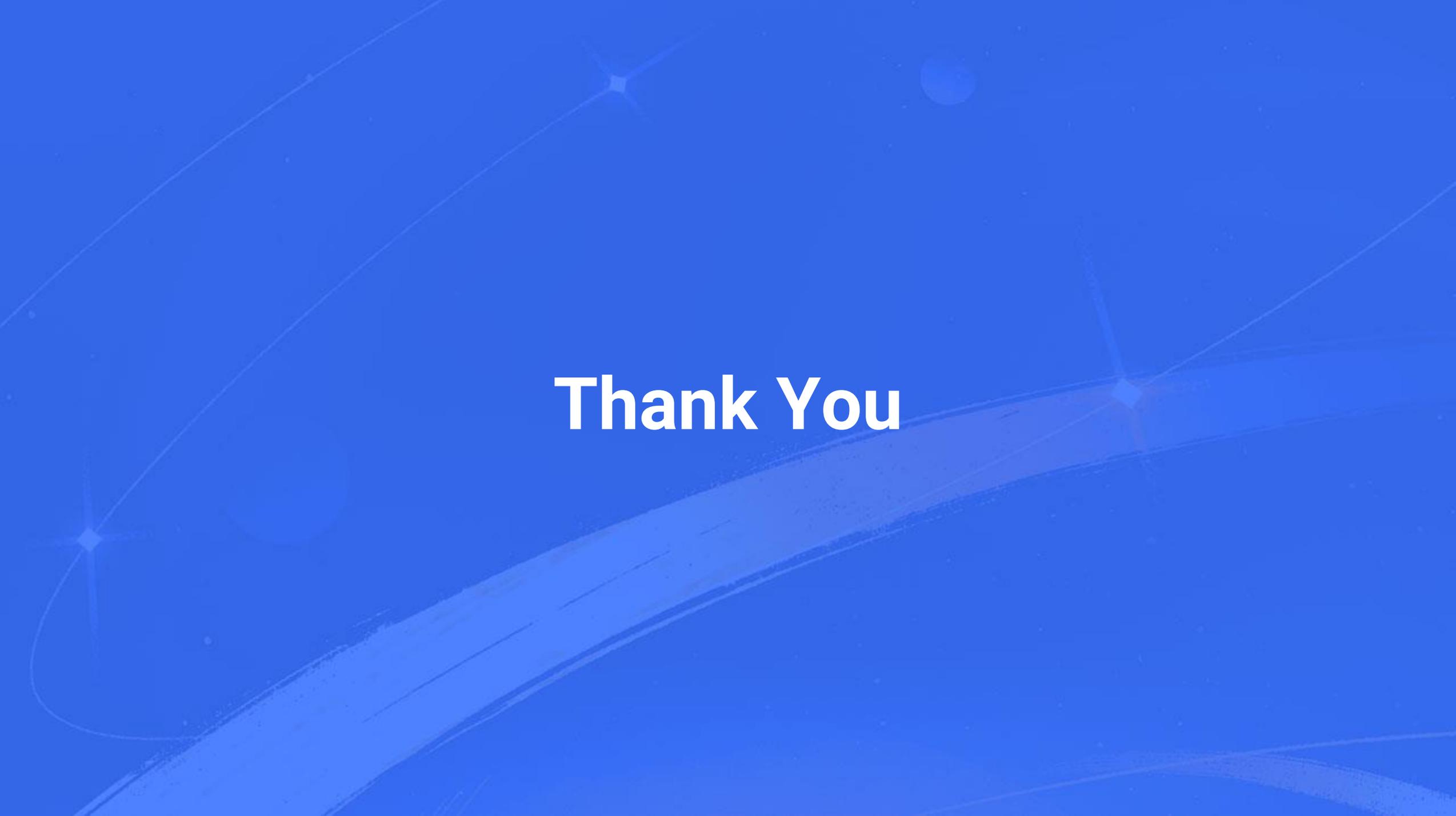
- Enhanced version
 - More stable
 - Faster
 - Safer
 - Resolves many of the problems of version 2021
- Currently we are almost finishing all the applications conversion

Infrastructure

- Servers with Windows Server 2019
- Internet Information Server
- Oracle 12.5c

Tech Support

- Business environment or public administration sphere
 - Reliable support
 - Confidence in incident resolution
- SoftPI/Appeon team
 - Jose Carlos
 - Marco Meoni
 - Rest of the team

The background is a solid blue color with several abstract, curved lines in a lighter shade of blue. There are also three starburst or lens flare effects, each consisting of a central white diamond shape with four radiating lines, positioned at the top center, bottom left, and middle right of the frame.

Thank You