Software Services for Parliaments

A PoC using ChatGPT

In collaboration with
The Hellenic OCR Team

USE CASES

Selected Corpora - Responses solely based on selected corpora

Domain Specialisation - Specialization based on the parliamentary domain

Internal Use - Ability to be used for internal-only data within the parliament infrastructure

Integration - Streamlined integration with existing systems

Customisation - Visual customization for alignment with user experience guidelines

References - Reference list of data sources and extracts used to generate responses

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SOLUTION STRATEGY

Software Agents
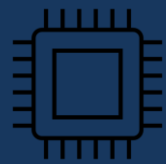
Existing Systems

Human Professionals

An **integration platform** that leverages the fusion of intelligent software agents, human professionals and existing systems

SOLUTION STRATEGY

Distributed suite - A set of integrated applications and services

Software Agents - Interconnected software agents as systems integrators & service providers

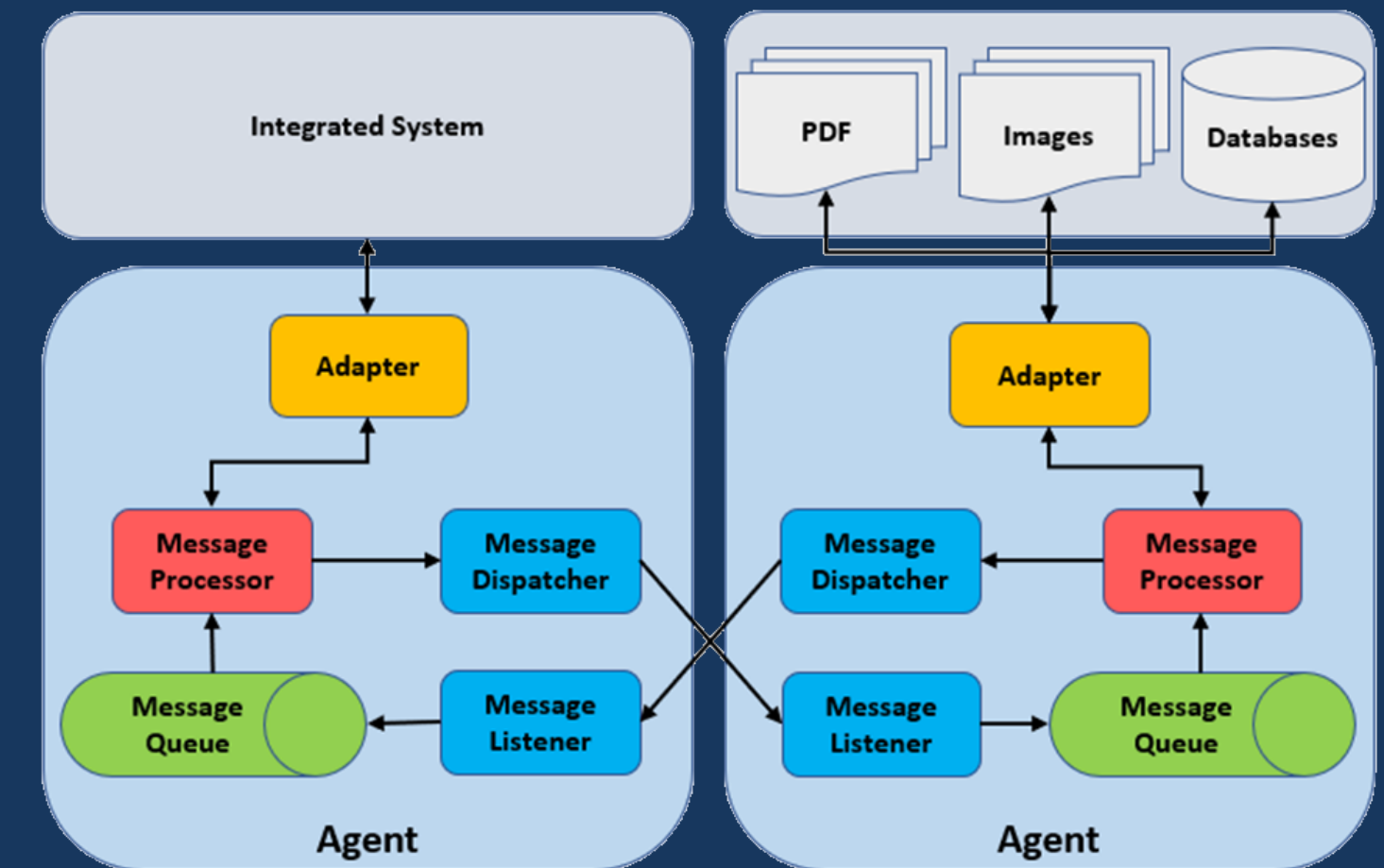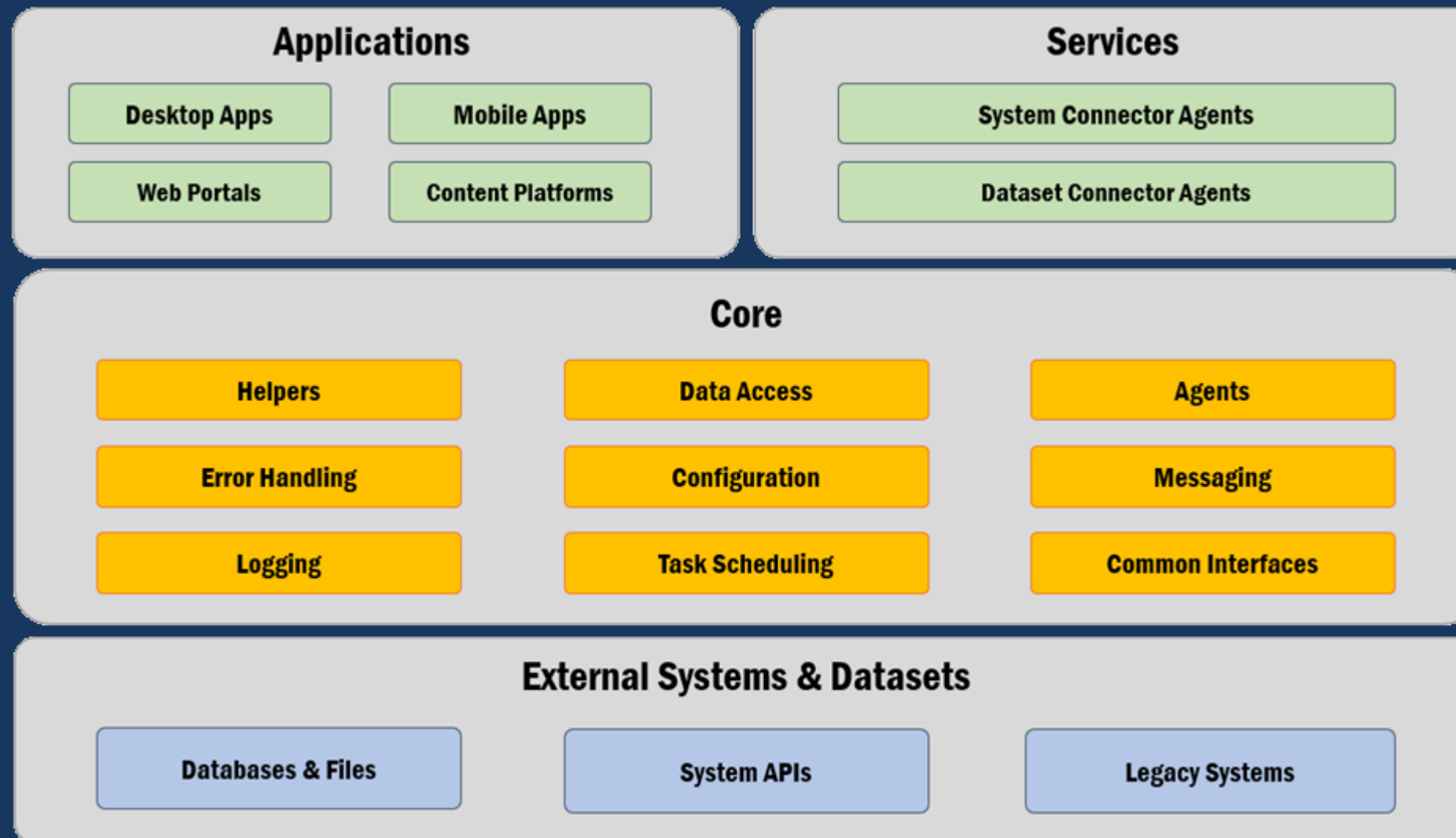**Multiple Experiences -** Multiple user experiences as service consumers

Custom Corpora - Preparation and importing of corpora as custom LLMs

On-premise - deployment and operation

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HIGH LEVEL ARCHITECTURE

Images from the book Smart Parliaments Data-Driven Democracy
Published by the European Liberal Forum
Edited by Fotios Fitsilis and George Mikros.
Chapter: Software Tools and Services for the Data-Driven Parliament
Author: Sotiris Leventis

PROOF OF CONCEPT

Web interface

Integration with **ChatGPT** 3.5

Sample **custom LLM** based on the European AI Act

Reference list and extracts of corpora used in response

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DEMO

Proof of Concept using ChatGPT
[PoC - June Preview]

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ROADMAP

2023 Q3

- Release of version 1.00
- Web interface
- ChatGPT

2023 Q4

- App and embedded interfaces
- Conversation management
- Support for on-premise deployment

2024 Q1

- Support for additional off-the-shelf software and services
- Analytics
- Visualization of responses

2024 Q2

- Templates and starter packs
- Ecosystem
- Marketplace

KEY POINTS

Domain specialization

Systems integration

Customizable user experiences

Clear references to data used

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