

# Product Documentation Presentation

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# Agenda

1. Introduction
2. Product Features
3. Architecture
4. Algorithmic Complexity
5. Roadmap

## Key Features

- RESTful API support
- Cloud-native deployment
- Role-based access control
- Audit logging and compliance ready

# Architecture Overview

*This slide uses a background image.*

The platform is designed with:

- Microservices for modularity
- Message queues for async processing
- SQL + NoSQL hybrid storage

# Algorithmic Complexity

The search function operates with time complexity:

$$\begin{aligned} &[ \\ T(n) &= O(n \log n) \\ &] \end{aligned}$$

The distributed query optimizer ensures:

$$\begin{aligned} &[ \\ S(n) &= O(\log n) \\ &] \end{aligned}$$

## Conversion & Version Control

- Written entirely in **Markdown** → easily version-controlled in Git.
- Exportable to **HTML, PDF, PPTX** with Marp CLI.
- External CSS theme ensures **consistent look & feel**.

# Thank You

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*Questions?*

