D1.1g - VISHNU Technical Architecture

COLLABORATORS

	TITLE : D1.1g - VISHNU Technical Architecture		
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REVISION HISTORY

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1	01/02/2011	Deliverable version	SysFera

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Chapter 1

Document presentation

1.1 Document objectives

This document provides a global view of the architecture for the VISHNU system and its environment. The target audience of this document is composed of software, system and network architects. The main objective of this document is to validate that the solution provided, i.e. the VISHNU system, matches the needs and constraints of the target environment. It can also be viewed as a checklist for system deployment.

1.2 Document structure

- TODO

1.3 References

- [D1.1a]: VISHNU General specifications
- [D1.1b]: VISHNU "Spécifications techniques des besoins"
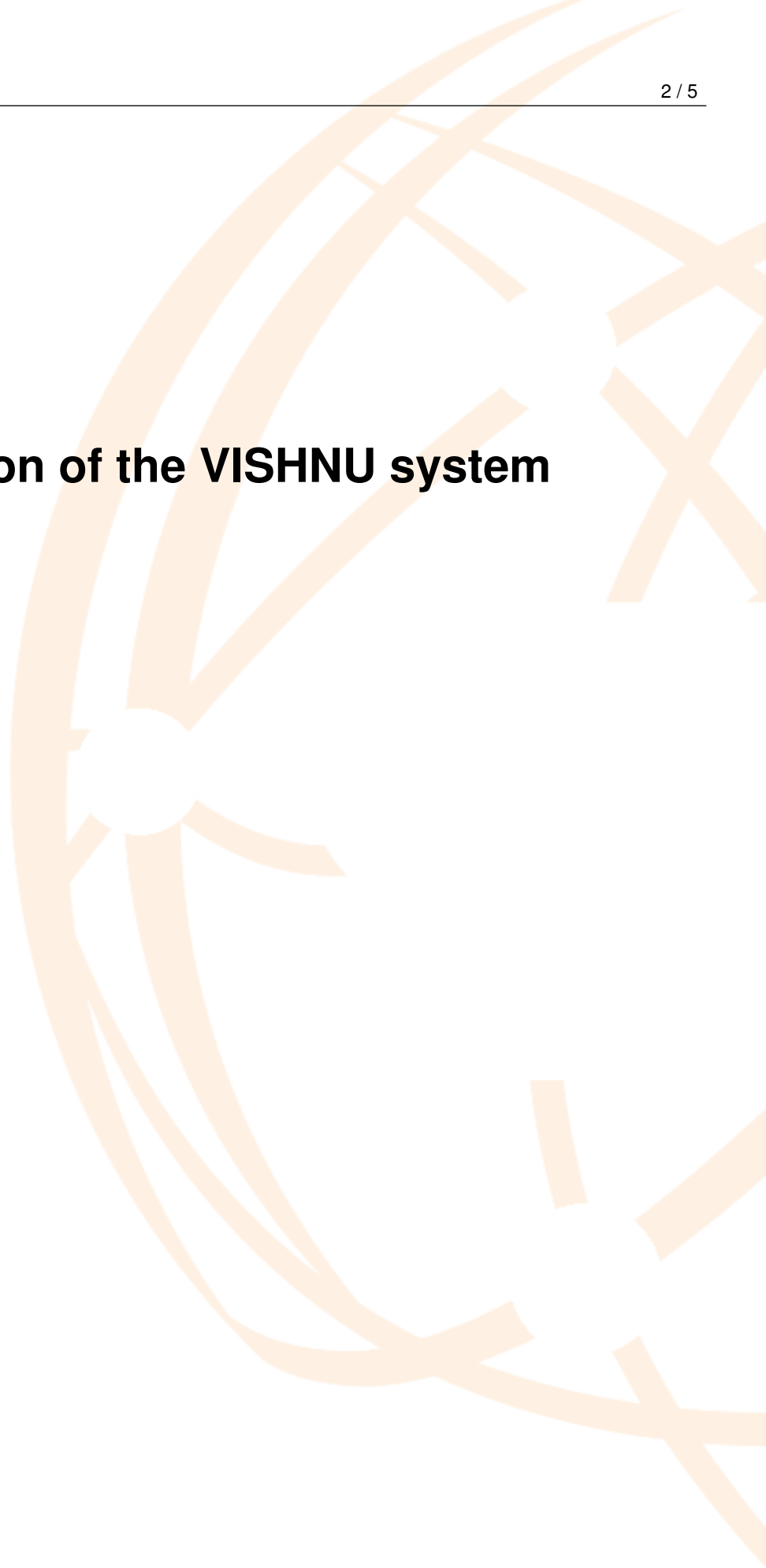- [D1.1c]: VISHNU API Detailed specifications

1.4 Acronyms

- **API**: Application Programming Interface
- **CLI**: Command Line Interface
- **DB**: Database
- **n/a**: Not Applicable
- **UMS**: Users Management Service
- **WS**: Web Services

1.5 Glossary

- **SysFera-DS**: open-source middleware developped by the SysFera company.

Chapter 2

Global description of the VISHNU system

Chapter 3

Functional architecture

3.1 Functional architecture diagram
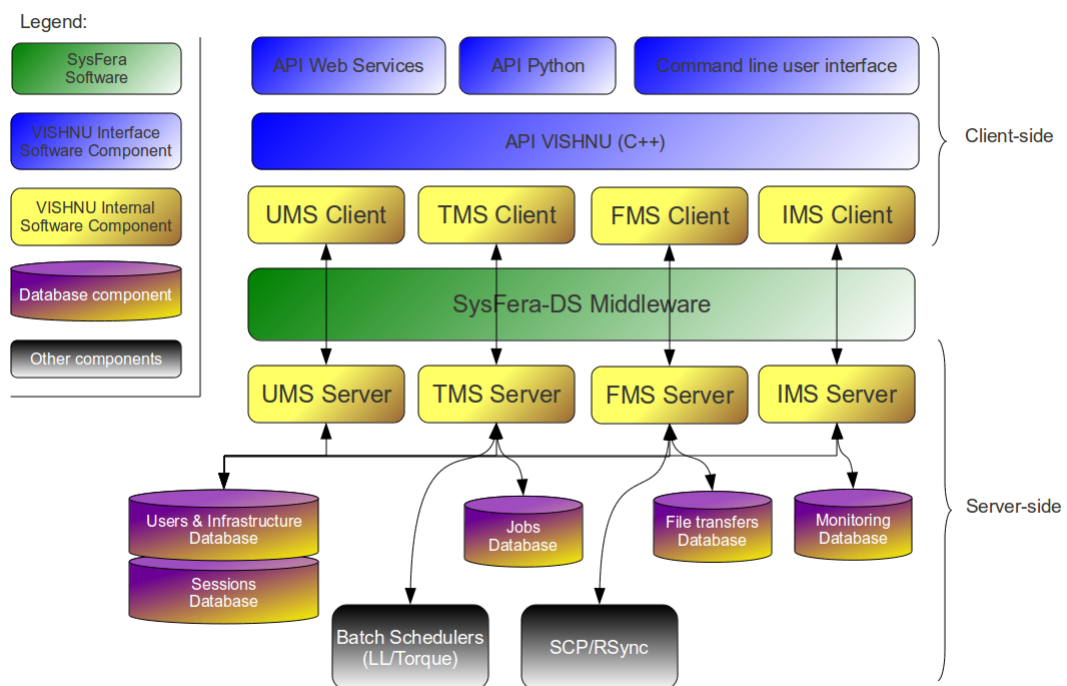
TODO

Figure 3.1: VISHNU Functional architecture diagram

3.2   Data flows

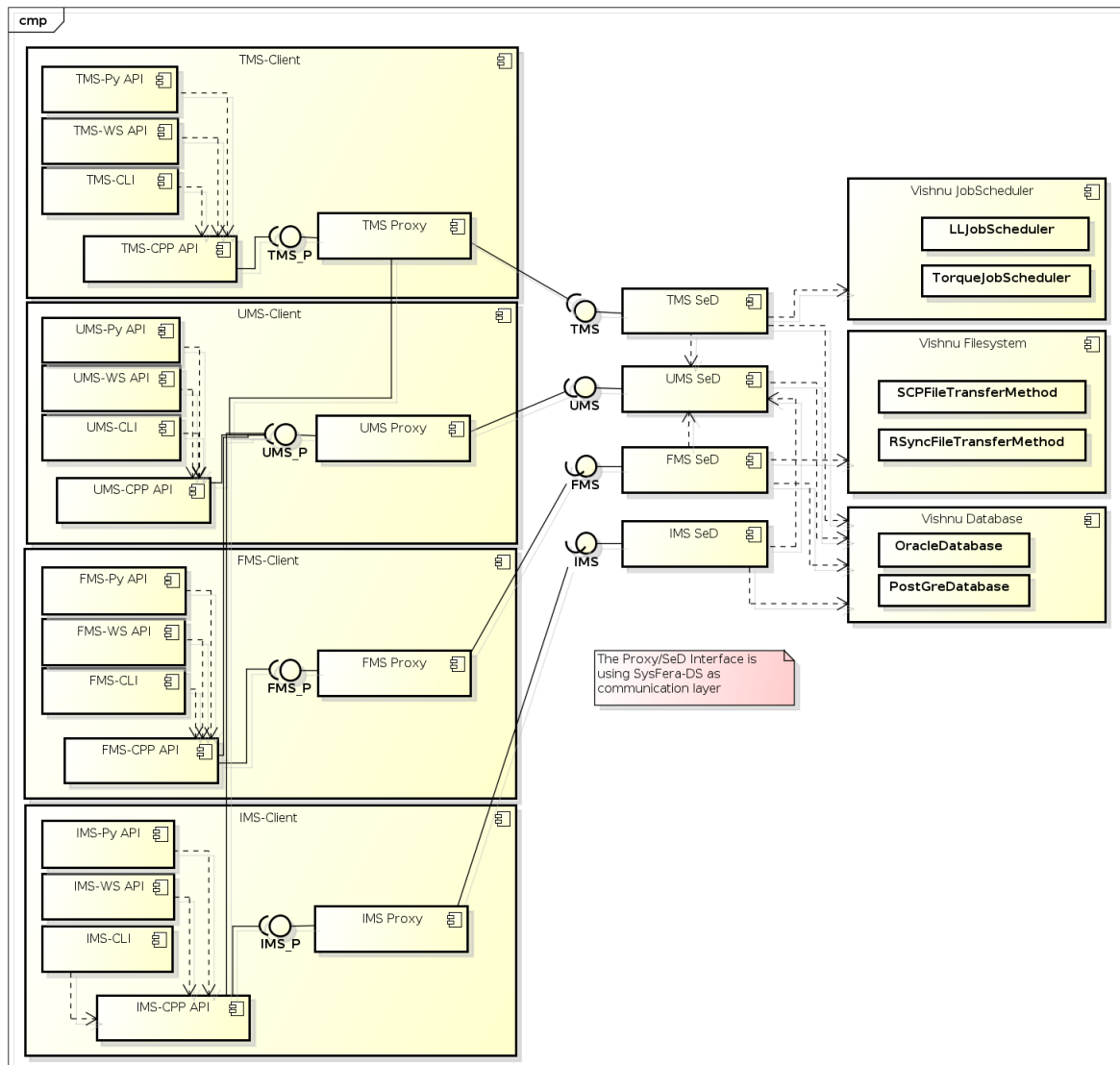## 3.3   Software architecture diagram

Figure 3.2: VISHNU Software architecture diagram

Chapter 4

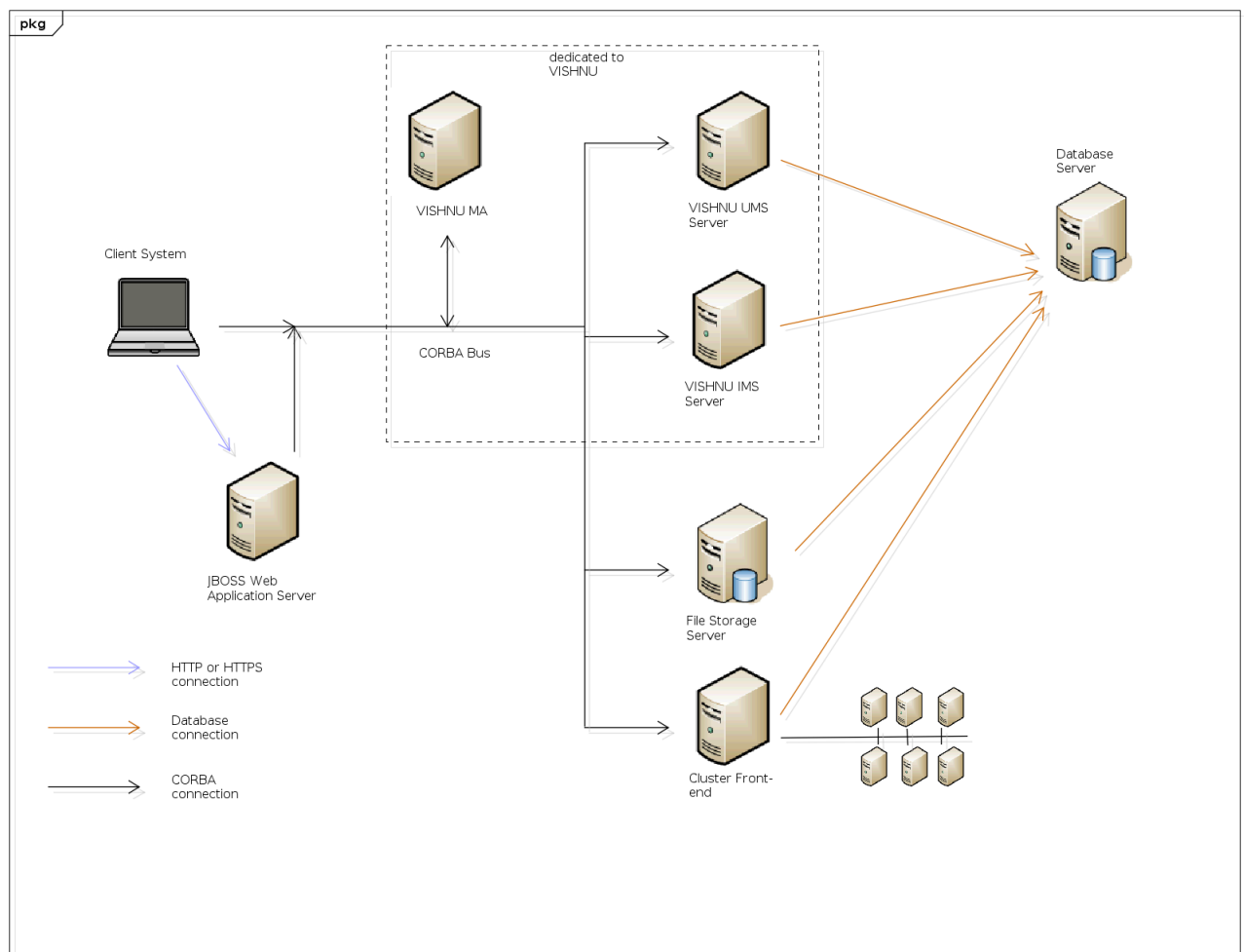# Technical architecture

4.1   Technical architecture diagram

TODO

Figure 4.1: VISHNU Technical architecture diagram