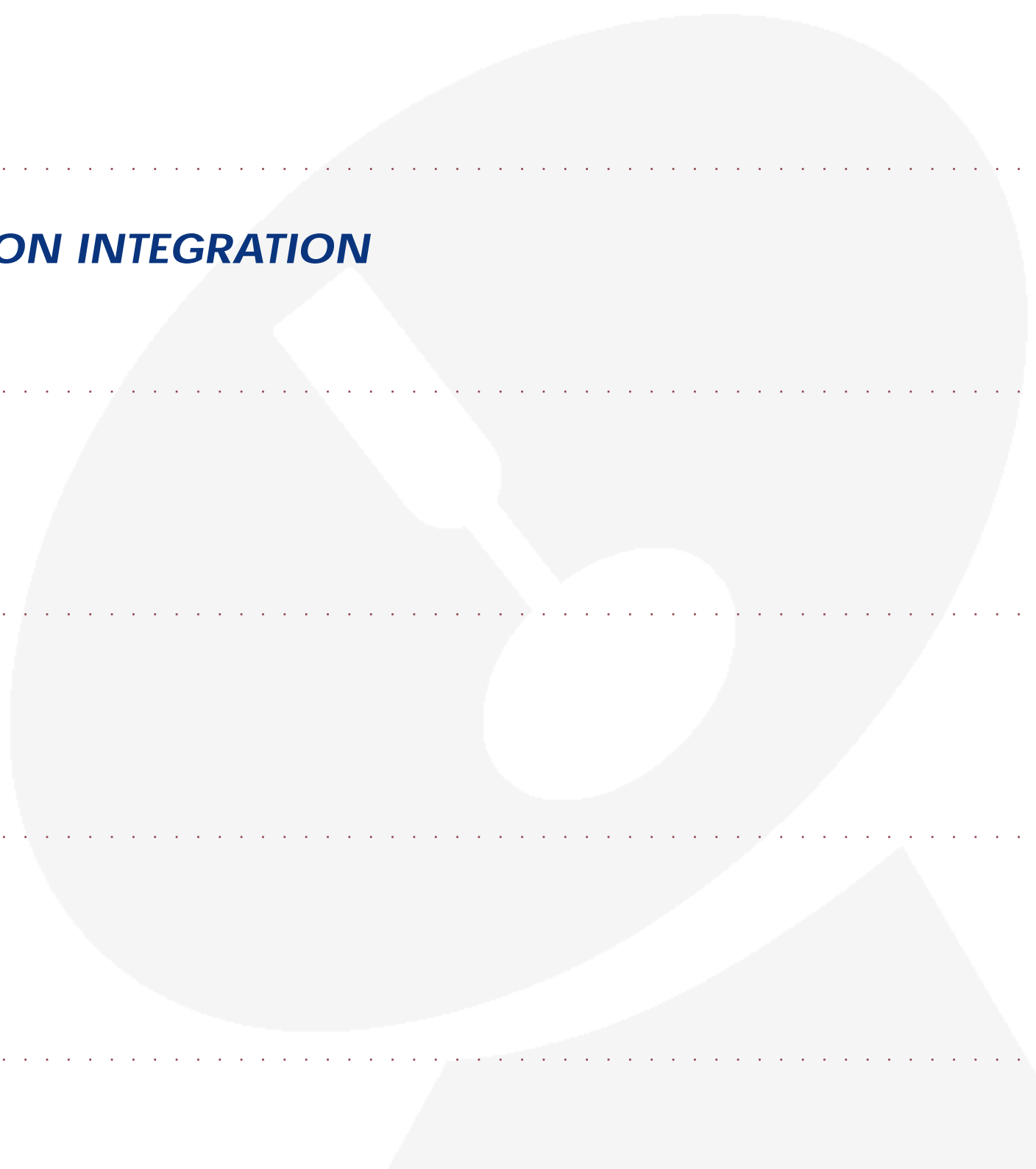


# ***BUSINESS APPLICATION INTEGRATION***

TELECOM DEPARTMENT

**tecsidel**



## Presentation

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### **INTEGRATION**

Business requirements frequently change. That is why Tecsidel's Telecom Department offers technological solutions which include the **integration and development of business applications and information portals** for simultaneous users, heterogeneous platforms, complex interdependencies between distributed applications and flexibility.

- 1 The development of business applications and information portals to integrate the organization's services at only one point.**

### **FLEXIBILITY**

Currently, there is no industry standard for the development of applications of this nature. Due to **the complexity and number of data that needs to be integrated**, it can pose a challenge. Adopting an appropriate solution requires knowledge and the ability to incorporate the right knowledge at the right time and in the right context. Tecsidel has a practical attitude towards this situation, by selecting consolidated technologies and approaching each project with the flexibility it requires.

- 2 Adopting an appropriate solution requires knowledge and the ability to incorporate the right knowledge at the right time and in the right context.**

### **TECHNOLOGIES**

Some of the technology we use, which is common to several applications, would be Tomcat and Sun One **application servers**, user **interface programming** based on HTML, DHTML, JavaScript and AJAX, **server programming** with JSP and ASP, **object-oriented programming** with C# and Java, **development following operative patterns** implemented with different libraries such as Struts, Spring and J2EE, Oracle **database systems**, and multi-platform environments based on WebServices, Artix by Iona and **ESB-based SOAP architectures**.



# BUSINESS APPLICATION INTEGRATION

 Technologies that are shared by different applications

## 1 Web and Application Servers

- JBOSS
- TOMCAT
- JONAS
- BEA WEBLOGIC
- ORACLE IAS
- SUN ONE
- APACHE

## 2 User interface programming

- HTML
- DHTML
- JavaScript
- vbScript
- AJAX
- FLASH / ActionScript

## 3 Object-oriented programming

- C#
- JAVA

## 4 Server programming

- JSP Y SERVLETS
- ASP Y .NET
- STRUTS
- SPRING

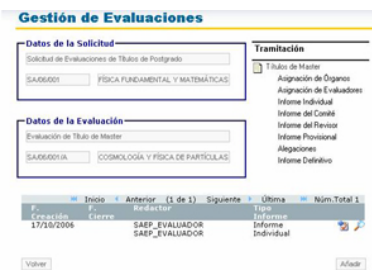
## 5 Database Systems

- ORACLE
- SQL SERVER
- BBDD opensource (MySQL, postgresSQL)

## 6 Integration systems

- Multi-plataform environments
- Architectures based on Web services
- Artix by IONA
- Platforms based on messaging (ESB)

 References



### Agency for the Quality of Castilla and León's University System

Tools for assessment via Internet.

### The regional parliament of Castilla and León

Support and the implementation of an infrastructure of systems, networks, communications; presence and collaborative work in Microsoft systems.



### Regional government of Castilla and León

Web tools for monitoring and following up administrative procedures:

- Applications for controlling application forms (single window)
- Registration management systems
- Systems for following up hiring files
- Systems for monitoring mediation processes
- Subsidy and grant management systems

## References



### Ceei

Applications for using administrative and generic information, such as grants, subsidies, employment offers, news, events, contracts, etc.



### Red.es

A computer system for Inventories and Programme Monitoring.

## Notes

## Contact

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