

A man in a white shirt and glasses is looking at a tablet in a modern office setting. The background is a blurred office interior with desks and computers.

GLAMSW

SOFTWARE SOLUTIONS PARTNER

ERP SYSTEMS INTEROPERABILITY

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Welcome

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Digital transformation & ERP

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GLAM Software

Software solutions for the industrial sector

At **GLAM Software** we design, develop, implement and maintain customized business management software. We accompany corporations in the **digital transformation** process.

GLAM Software

Talent at the service of success

20 years later we continue being passionate about IT and evolve being motivated by challenges and the succes achieved.



Service Manager

User support technician



Project Manager

Technical analyst and GLAM's main responsible in customer projects



Developers

Team with 20 experimeted developers



Consultants

Business and processes consultants



DIGITALIZATION VS DIGITAL TRANSFORMATION

Digital Transformation

Digital business strategy implies a dynamic synchronization between business and IT to gain competitive advantage (*MIS Quarterly*).

Competitive advantage is achieved by aligning technology with business, using it to manage information, knowledge and being able to exploit the connection between people and knowledge to help decision making (*EAE Business School*).

100% of customers are people. 100% of employees are people. If you don't understand people, you don't understand business (*Simon Sinek*).

ERP

Enterprise Resource Planning

It's not only a single business management software application but a software suite of integrated applications which manages business activities and resources.

ERP encompasses a wide range of business processes, including financials.

A proper information system is essential in a digital transformation process.

OBJECTIVES

Digital transformation. Why?

The ultimate goal for a company is reaching **operational intelligence**, a real-time dynamic business analysis which provides greater visibility and understanding to improve decision making process.

- **Why?** Companies generate a huge amount of data which usually they don't know how to benefit from it.
- **How?** Current technology allows efficient exploitation of all this information.
- **What?** Digital transformation simplifies data exploitation converting it to useful information to help decision making and adapt business to a VUCA environment.

METODOLOGY

Digital transformation roadmap. How?

Solutions to achieve the **digital transformation** which all businesses need to standardize its managing and production processes

- 1 Financial control (FMS)
- 2 Manufacturing routing and **theoretical costs** (OMS)
- 3 **Inventory** and location (WMS)
- 4 **Manufacturing and purchasing planning** (MRP II)
- 5 **Intelligent manufacturing** planning (APS)
- 6 **Manufacturing data acquisition and real costs** (MES)
- 7 Maintenance (CMMS)
- 8 Project management (PMS)

METODOLOGY

Roadmap transversal areas

Complimentary solutions to implement during the **digital transformation** process.

- **Quality management (QMS)**
- **Data analytics (BI)**
- **Customer relationship (CRM / B2B / B2C)**
- **Suppliers relationship (extranet)**
- **Employees relationship (intranet)**

ADVANTAGES

Digital transformation. What?

Digital transformation is both an **opportunity** and a **threat** for companies.

- **Costs** efficiency
- Improve products and services **quality**
- Make **decisions** with all data available
- Manage **customers** relationship and ensure their loyalty
- Improve **suppliers'** relationship
- Enhance **employees** work experience
- Provide new **products and services**
- Improve **stakeholders'** relationship

HOW?

ERP implementation

Aspects to be considered when analysing ERP System options.

- Clear purpose and objectives
- Company management commitment
- Provider must be a partner
- Assign an internal project manager
- Analyse workflows and business processes
- Data migration/synchronisation options
- Infrastructure: On Premise/cloud, security, accessibility, etc.
- Standard, business sector vertical or custom?
- Systems integration options
- Develop a realistic implementation plan
- Understand the total cost of ownership

HOW?

ERP implementation

Investing the necessary resources to achieve the expected results



HOW?

Systems interoperability

Interoperability is the ability of different systems, devices, applications or products to connect and communicate in a coordinated way, without effort from the end user.

HOW?

Systems integration

Implementation into machinery.

- MES, SCADA & industrial automation
- Cyber Physical Systems
- Digital Twin
- **Industry 4.0**

HOW?

Integration options and considerations

An ERP is not only a single business management software application but a **software suite of integrated applications** which manages business activities and resources.

- EDI
- Custom: REST API, Database, files, etc.
- Data integrity

HOW?

Digital transformation and sustainability

Sustainable digital transformation is about doing the right thing by building the thing right.

WHY?

Digital transformation, the key to sustainability

Optimising companies supply chain and business processes involves gains in sustainability. It's not only what you build but how you build it.

- Circular supply chain
- Recovery and recycling
- Product life extension
- Sharing platform
- Product as a service

The background features a complex network of glowing blue lines and dots, resembling a molecular or data network structure, set against a dark blue gradient.

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THANK YOU

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