EMSYS.

Holistic & Agile Management Software
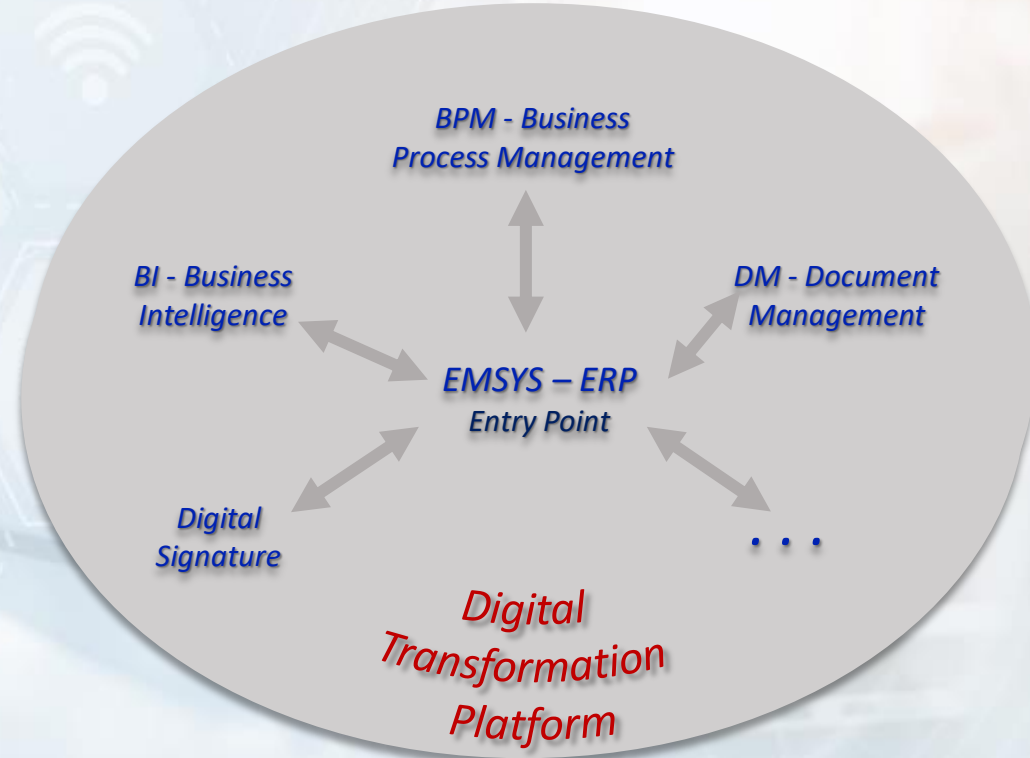
Today's Choice for Tomorrow's Business

PRODINF

Software Company

since 1990

Holistic & Agile Management

BPM - Business Process Management

BI - Business Intelligence

DM - Document Management

EMSYS – ERP Entry Point

Digital Signature

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Digital Transformation Platform

Industry Solutions

The same version of EMSYS used across several industries

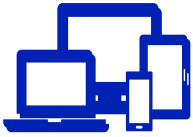|	
❑ Utilities	❑ Higher Education
❑ Insurance	❑ Energy
❑ Constructions	❑ Research
❑ Discrete Production	❑ Process Production
❑ Dairy Industry	❑ Meat Industry
❑ Wholesale Distributions	❑ Retail
❑ Public Sector	❑ Hospitality
❑ Oil & Gas	❑ Transport
❑ Services	

Digital Transformation Platform

- ❑ Holistic & Agile Management: *Holdings, Multinationals, Departmental... (public and private)*

- ❑ Installation *On premise* or in the *Cloud.* Fast track to digitization. Intuitive use

- ❑ *Natively integrated components. EMSYS-ERP is the platform only entry point.* It rapidly integrates users

- ❑ *BPM* – Business Process Management ; *DM* - Document Management; *BI* - Business Intelligence

- ❑ Operational *emails* based on *smart* templates; *OCR*-izing documents

- ❑ Smart document-based (PDF, Word): elaboration and sharing. *Digital electronic signature*

- ❑ Authentication with external systems: *Keycloak, LDAP, Active Directory, Facebook, Google, Github* etc

- ❑ Operation processes are available in any browser, on any device (*responsive*)

- ❑ Replacement, *automation and optimization* of obsolete *processes.* Low dependence on staff mobility

- ❑ Dynamic control of processes, cost reduction and management performance

EMSYS – Enterprise Management SYStem

New Vision

- Gartner: MRP > MRP II > ERP > **EBC**

- *No-Code*: User configurable and remodelable management system

- *Zero Downtime*: Maintenance, Remodeling management system

- *Independently working management and operational system*

- *Performance tracking of any management and analysis structure*

- *Management by: Budgets, Business Units, Profit Centers, Results*

- *Financial Flow-based Management on: delayed, current and future cash-flows*

- Management by *indicators, objectives, exceptions*

- *Rapid implementation* based on process models: general and industry

- *Modeling and configurations persistence in future versions*

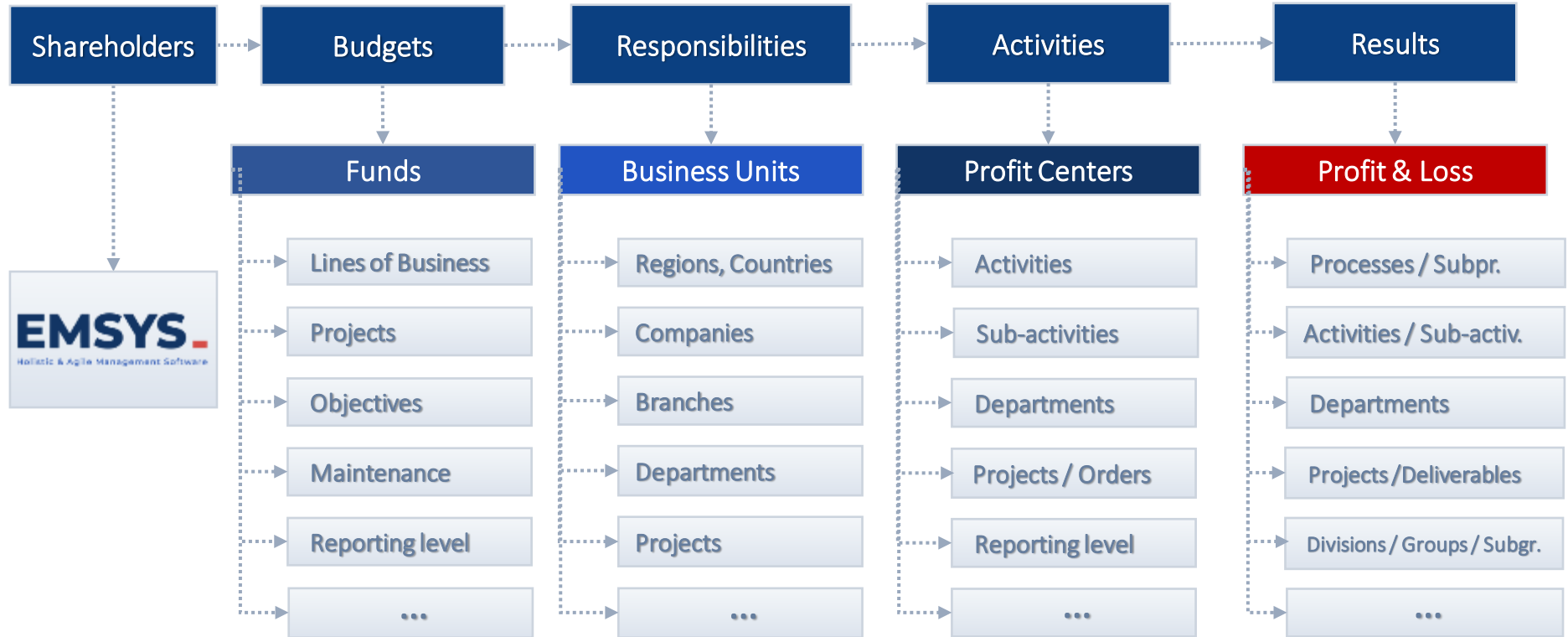- Industry – Specific Processes: *Insurance, Utilities, Construction, Transport, Hospitality, R&D ...*

EMSYS – *Enterprise Management SYStem*

- Increased: Competitiveness, Productivity, Profitability

- Consolidated view of Customers, Products and Services

- Agile reaction to: operational challenges, client requirements and market changes

- *Management and operational systems "freed" from code, ID structures, multiple information*

- *Segmentation of definitions* on the user's responsibility level - *user profiles*

- *Real-time system*: the processing ends with the validation of any transaction

- *Workspace customization*; Intuitive access to functions - fast learning curve

- Supplier-independent installation and automatic version updates

- *Operational and support transactions automatically result in financial and management accounting*

- *Reports based on standard, as well as user-defined dimensions*

- Lower TCO-Total Cost of Ownership, higher ROI-Return on Investment

Holistic Management

Shareholders	Budgets	Responsibilities	Activities	Results

Funds	Business Units	Profit Centers	Profit & Loss

EMSYS	Lines of Business	Regions, Countries	Activities	Processes / Subpr.
Holistic & Agile Management Software	Projects	Companies	Sub-activities	Activities / Sub-activ.
	Objectives	Branches	Departments	Departments
	Maintenance	Departments	Projects / Orders	Projects / Deliverables
	Reporting level	Projects	Reporting level	Divisions / Groups / Subgr.
	…	…	…	…

Agile Management

On-the-fly-reconfigurable management system

Models and configurations persist in new versions

Only one information is associated by time-period within the management system

EMSYS BPM – Integrated Workflow / Case Management and Decision Automation Platform

Standard and additional (user-generated) dimensions selectable for reporting

Funds - Budget System (Example)

Construction

Projects
> Project …
> Project …
> …

Industrial Production
> **Ballast**
> **Concrete**
> **Billets**
> …

Mechanization

Asset Management
> **Predictive Maintenance**
> **Corrective Maintenance**
> **Maintenance**

Marketing

Administration

Investment

Social activities

Environment protection

Utilities

Business line
Business line
> **Department**
> > **Sub-department**

Projects
> **Projects Group**
> > **Project**
> > > **Theme**
> > > > **Phase**

Asset Management
> **Predictive Maintenance**
> **Corrective Maintenance**
> **Maintenance**

Marketing

Administration
> **General Management**
> **Economic Department**
> …

…

Insurance

Operational
> **General Insurance**
> **Life insurance**
> **Health insurance**
> **Commercial**

Investitional
> **Deposits**
> **Treasury certificates**
> **Listed Shares**
> **Government Bonds**

Asset Management
> **Predictive Maintenance**
> **Corrective Maintenance**
> **Maintenance**

Marketing

Administration
> **General Management**
> **Economic Department**
> …

Business Units - Management Team (Example)

Construction

Organization
 Branch
 Branch
 Production
 Headquarters

Utilities

Regional Operator
 Branch
  Municipality
  Neighboring
  localities
 Branch
 ...
 Headquarters

Insurance

Organization
 Region
  Branch
   Agency

 Headquarters
 Department
  Sub-dep.

Profit Centers (Example)

Construction

Projects
    Project
        Branch
           Site
Industrial Production
    Ballast
    Concrete Factory
    Billets
    ….
Mechanization
    Machinery
    Transport
Administration
    Department
    Financial
Other expenses
Sponsorships
Penalties

Utilities

Branch
    Town
        Water
        Sewage
    Commune
        Village
            Water
            Sewage
Administration
    General Management
        Department …
        ….
    Economic Department
        Department …
        ….
    Investment
    ….
Other expenses

Insurance

Insurance
    Regions
        Branches
           Agency
Commercial
    Space rentals
    Other activities
Administration
    General Management
        Department …
        …
    Economic Department
        Department …
        …
Investment
Other expenses
Penalties

Results (Example)

Construction

Project Groups
  Commercial
  Public
  Industrial Product
Portofolios
  Proj. Mng. 1
  Proj. Mng. 2
  Proj. Mng. 3
Types of Projects
  Construction
  Roads
  Improvement
  Commercial Spaces
Projects
  Project
  Project
  Project
   Subproject
   Subproject

Physical Stages
  Design
  Site organization
  Excavation
  …
Themes
  …
  …
Phases
  …
  …

Utilities

Services
  Potable water
  Industrial water
  Sewage
  Connections
  Septage
  etc
Departments
  Water Section
  Sewage section
  Quality Laboratory
  etc.
Sectors
  Surface water
  Deep water
  Purification
  Pumping
Activity
  Water
  Sewage
  Laboratory

Administration
Phase
  Capture
  Treatment
  Drilling
  Purification
  Pumping
  Channel networks
Customer Groups
  Companies
  Cities
  Community

Insurance

Activity
  Insurance
  Commercial
Subactivity
  Life
  Non Life
  Health
  Commercial
ASF class
  A1 Accident
  A2 Health
  A3 Vehicles
  etc
Corporate Class
  01 Casualties
  02 Casco
  03 Goods
  etc
Standard product
  Casco Auto
  Casco Accidents

Objects
  Accidents
  Vehicle
  House
  etc
Risks
  Damage
  Thefts
  Fire
  etc
Risk Type
  Base
  Additional

Accounting is a Result of Operational Processes

Statutory Accounting
- ❑ Financial Accounting
- ❑ Cost Accounting
- ❑ External Accounting
- ❑ Analytical Accounting
- ❑ IAS / IFRS Accounting
- ❑ Alternative Accounting
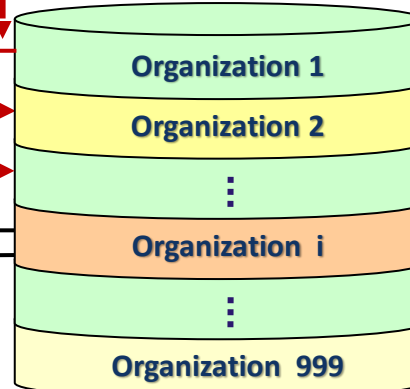- ❑ Group Accounting

{ Accounting Registers

{ Transactions }

Automatic
100% Processes = Accounting

Division

Consolidation

Organization 1
Organization 2
⋮
Organization i
⋮
Organization 999

Managerial Accounting
- ❑ Business Units
- ❑ Funds
- ❑ Profit Centers
- ❑ Cost Items
- ❑ Business Lines
- ❑ Activities
- ❑ Projects
- ❑ Orders
....

Processes:
- ❑ Insurance
- ❑ Utilities
- ❑ Logistics
- ❑ Payroll
- ❑ Fixed Assets
- ❑ Receipts & Payments
- ❑ Transport
- ❑ Higher Education
- ❑ Imports
- ❑ ...

Organization:
- ❑ Holding
- ❑ Multinational
- ❑ Company
- ❑ Branch

Currencies:
- ❑ Transactional
- ❑ Statutory
- ❑ Reference
- ❑ Consolidation

EMSYS | Smart Business Solutions - I

Financial
- General Ledger
- Cost Accounting
- IAS / IFRS Accounting
- Alternative Accounting
- Fixed Assets
- Cash Management
- Budgeting and Controlling
- Account Receivable
- Account Payable
- Investment

Logistics
- Sales & Distrib.
- Discrete Production
- Process Production
- Purchasing
- Inventory
- Retail
- Public Acquisition
- Sales Force Automation
- Online Store
- Contract Management

HR & Payroll
- Personnel Admin.
- Time Management
- Payroll
- Travel Management
- Recruitment and Selection
- Career & Training
- Performane Evaluation

Project Manag.
- WBS, Gantt Chart
- Network Diagram
- Critical Path
- Resources
- Budget
- Planning
- Execution
- Monitoring & Control
- Closing

Asset Management
- Asset inventory
- Preventive & Predictive Maintenance
- Work Planning & Scheduling
- Resources Management
- Asset Performance
- Life Cycle Cost
- Failure Analysis

Utilities
- Clients & Contracts
- Services and Tariffs
- Meters
- Consumption
- Invoicing
- Collections
- Debt Recovery & Contractual Discipline
- Call Center

EMSYS | Smart Business Solutions - II

Insurance

- Non-life, Life, Health
- Product Configuration
- Questionnaires
- Offerings, Quotation
- Policy Management
- Underwriting
- Collections
- Reserves, Claims
- Commissions
- Reinsurance

Resort Management

- Bookings
- Point of Sales
- Kitchen Management
- Mobility
- Collections
- Claims
- Competencies

University

- Academic Structures
- Curriculum
- Students' Life Cycle
- Fees
- Scholarships
- Cafeteria
- Hostel
- Graduation Process
- Students' Portal

TMS

- Parcel, LTL, FTL, LCL, FCL, ADR, Bulk
- 1PL, 2PL, 3PL, 4PL
- Road, Railway, Intermodal
- Fleet management
- Order management
- Transportation planning
- Route maps
- Tracking processes
- Portal

BI & CPM

- Financial Analytics
- HR Analytics
- Sales Analytics
- Procurements Analytics
- Insurance Analytics
- Utility Analytics
- Performance Management

Others

- BPM - Integrated
- DM - Integrated
- Reporting System – Integrated
- E-mail - Integration
- CRM - Integration
- Electronic Register
- E-mail Management
- Visitor Management

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