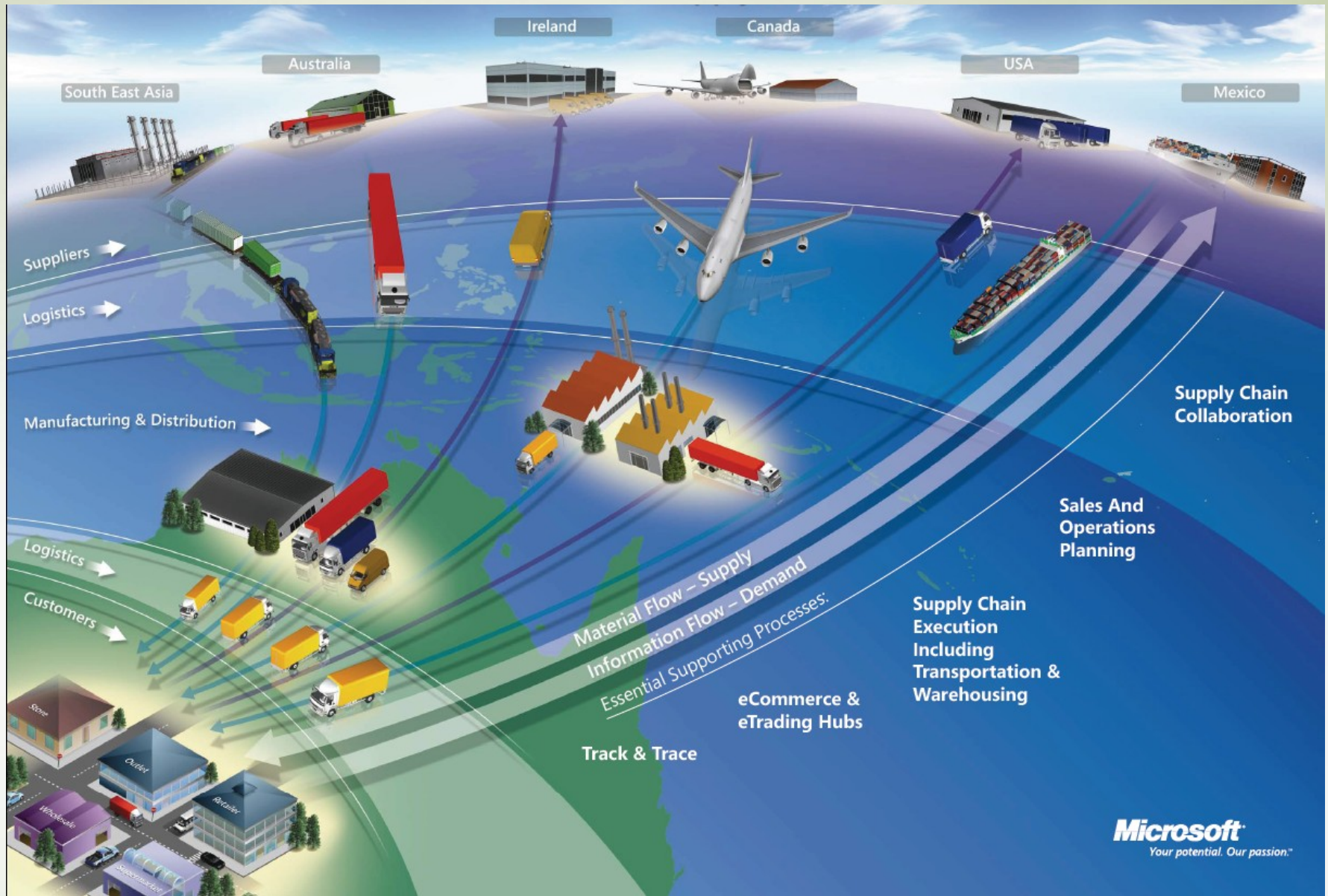


# BASIC ERP ARCHITECTURE

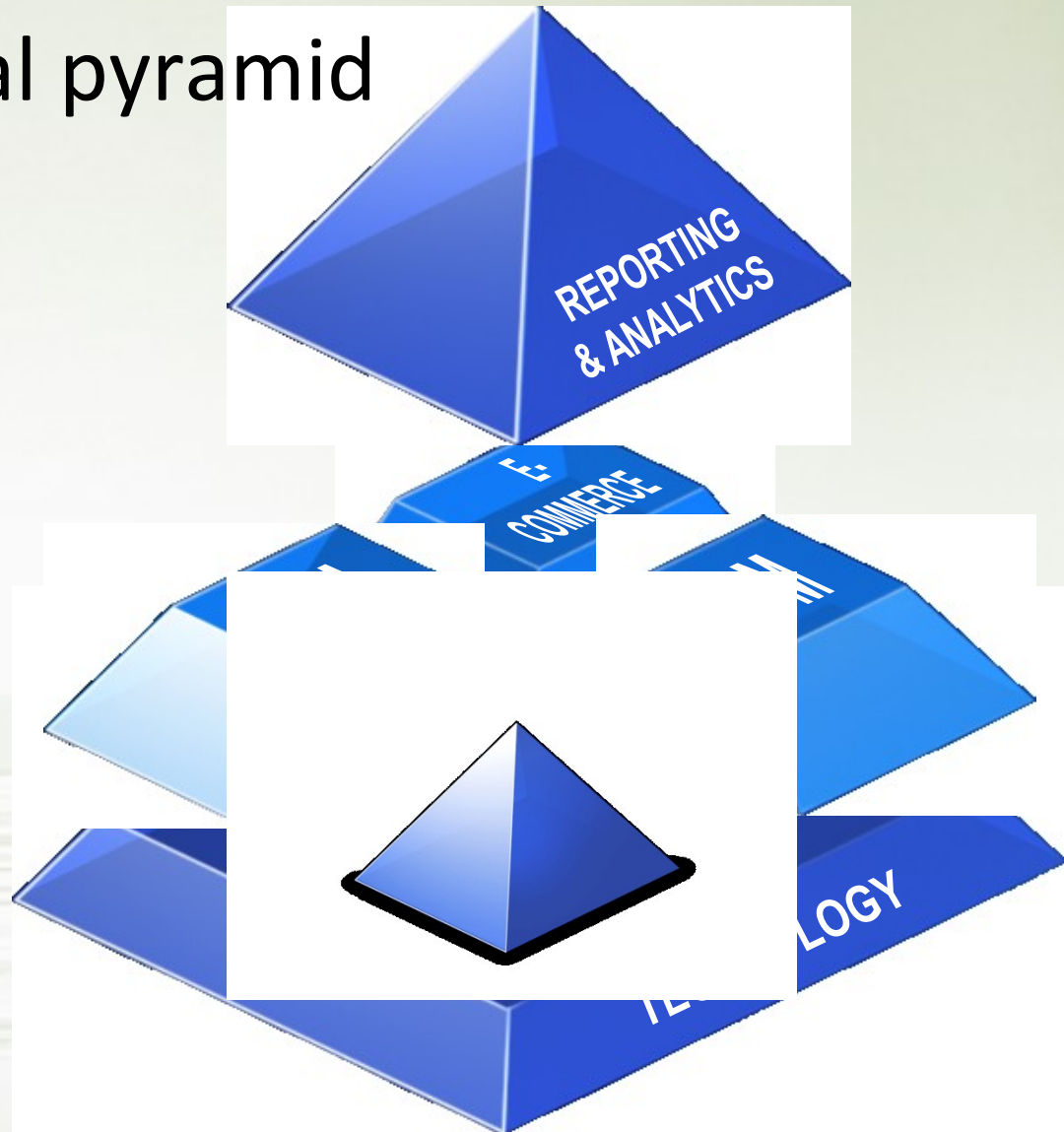
Skorkovský, KPH, ESF MU



# What could be controlled...

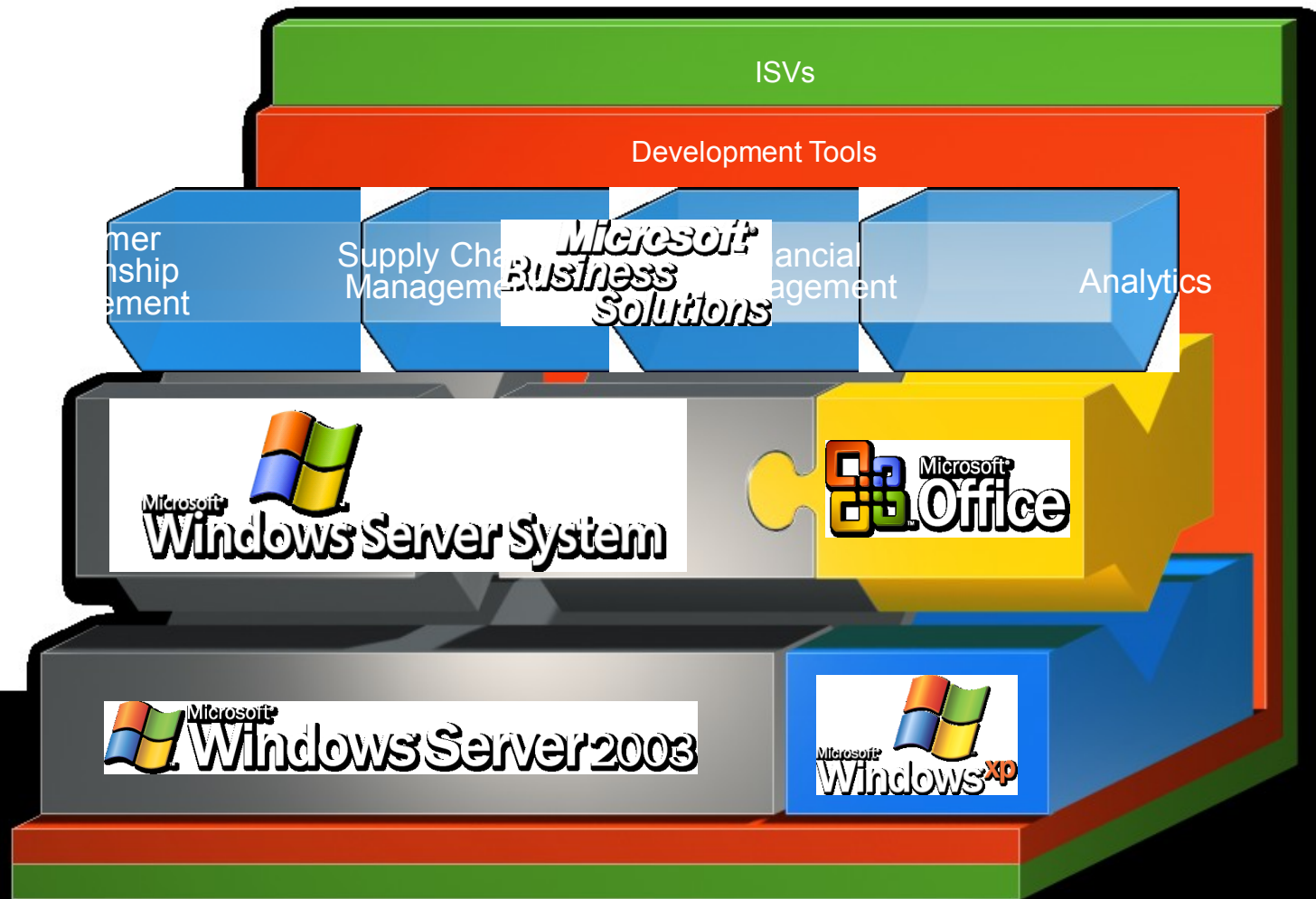


# Technological pyramid



MICROSOFT  
BUSINESS  
SOLUTIONS  
- NAVISION

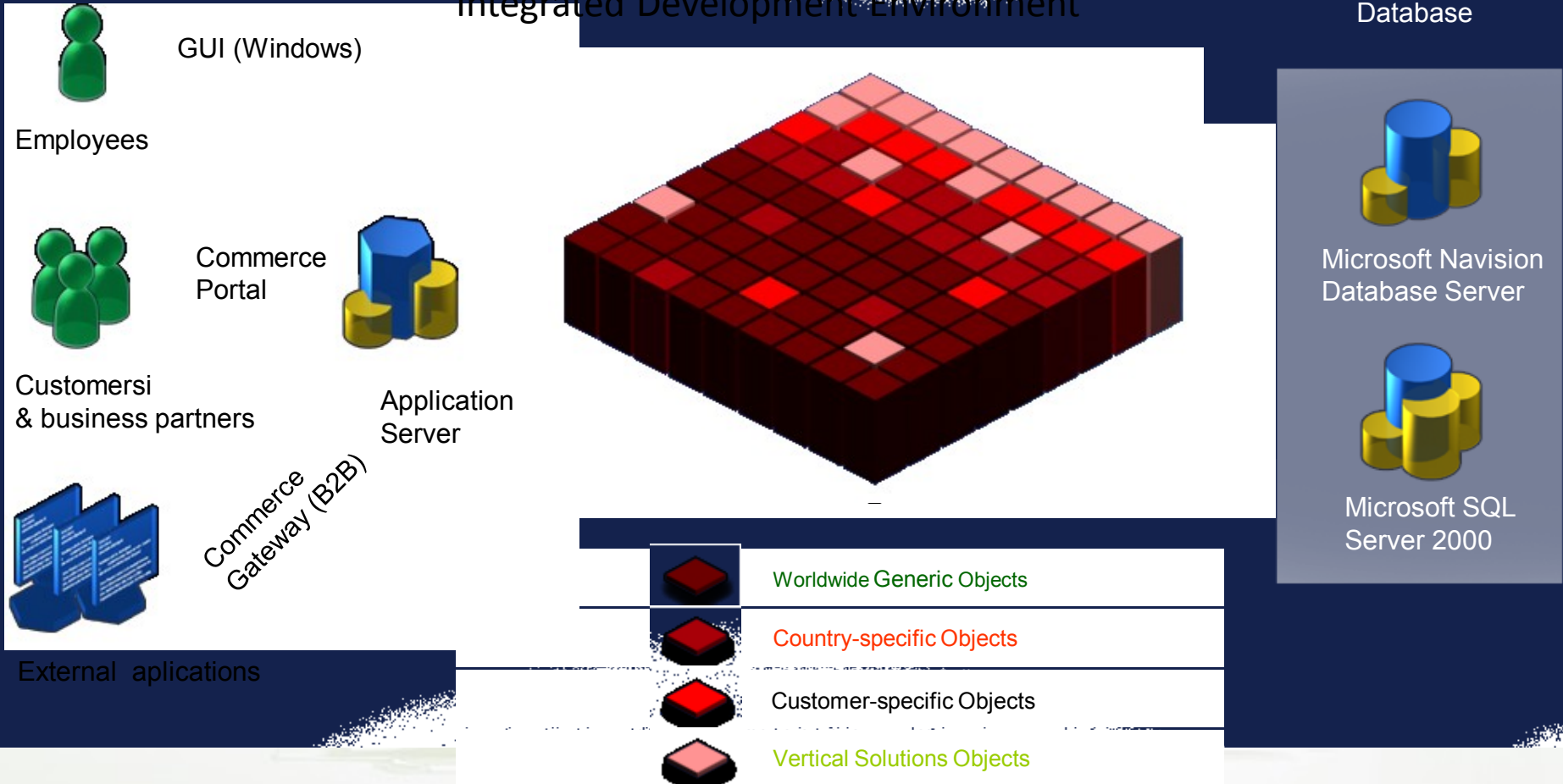
# Integrated homogeneous solution



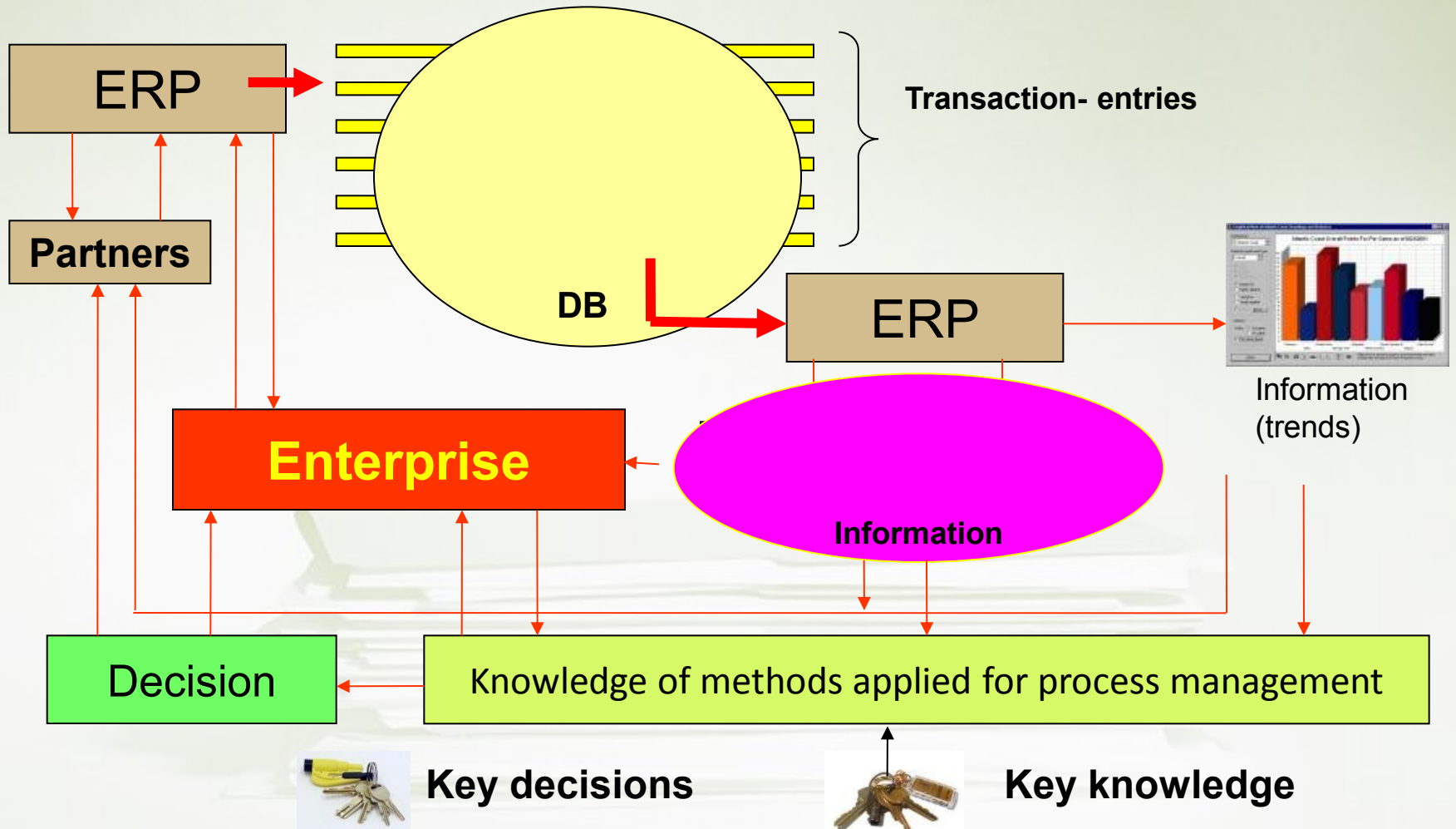
# Unique architecture

Integrated Development Environment

Database



# Simplified schema of ERP usage



# Main form (menu, toolbar, forms)

CRONUS CZ s.r.o. - Microsoft Dynamics NAV

File Edit View Tools Window Help

Financial Management

- General Ledger
  - Chart of Accounts
  - Budgets
  - General Journals
  - Analysis & Reporting
  - Intercompany Postings
  - Reports
  - History
  - Periodic Activities
- Cash Management
- Receivables
- Payables
- Fixed Assets
- Inventory
- Setup

Financial Management

Sales & Marketing

Purchase

Warehouse

Manufacturing

Jobs

Resource Planning

Service

Human Resources

Administration

Chart of Accounts

Name	Income/Balance	Totaling	Account Type	Gen. Posting Type	Gen. Bus. Posting Group	Gen. Prod. Posting Group	Net Change	Bal
Režie, kapacita	Income Statement		Posting					
Nákupní odchylka, kapacita	Income Statement		Posting					
<b>Celkové náklady na kapac...</b>	Income Statement	511050..511990	End-Total					
Travel expenses	Income Statement		Posting	Purchase		BEZ DPH	1 012 816,40	
Režie, suroviny	Income Statement		Posting					
Entertainment costs	Income Statement		Posting				149 170,50	
<b>Other services</b>	Income Statement		Begin-Total	Purchase	NÁRODNÍ	SLUŽBY		
Cleaning	Income Statement		Posting	Purchase	NÁRODNÍ	SLUŽBY	992 215,91	
<b>Overhead services</b>	Income Statement		Begin-Total	Purchase	NÁRODNÍ	SLUŽBY		
Phones	Income Statement		Posting	Purchase	NÁRODNÍ	SLUŽBY	2 029 440,00	
Postage	Income Statement		Posting	Purchase	NÁRODNÍ	BEZ DPH	121 574,70	
Other overhead services	Income Statement		Posting	Purchase	NÁRODNÍ	RŮZNÉ		
<b>Overhead services, Total</b>	Income Statement	518205..518295	End-Total				2 151 014,70	
Advertising	Income Statement		Posting	Purchase	NÁRODNÍ	RŮZNÉ	3 834 471,87	
<b>Rent and renting</b>	Income Statement		Begin-Total					
Renting of operational sp...	Income Statement		Posting					
Renting of vehicles	Income Statement		Posting					
<b>Rent and renting</b>	Income Statement	518405..518495	End-Total					

Account Balance Functions Help

Net Change: 18.12.08 FILTER

Start Odeslaná pošta ... 2 Microsoft Of... TEMPORARY OP... Angličtina - Lexi... CRONUS CZ s.r.... CS 10:19

# Main forms (card, list, form->sub-form)

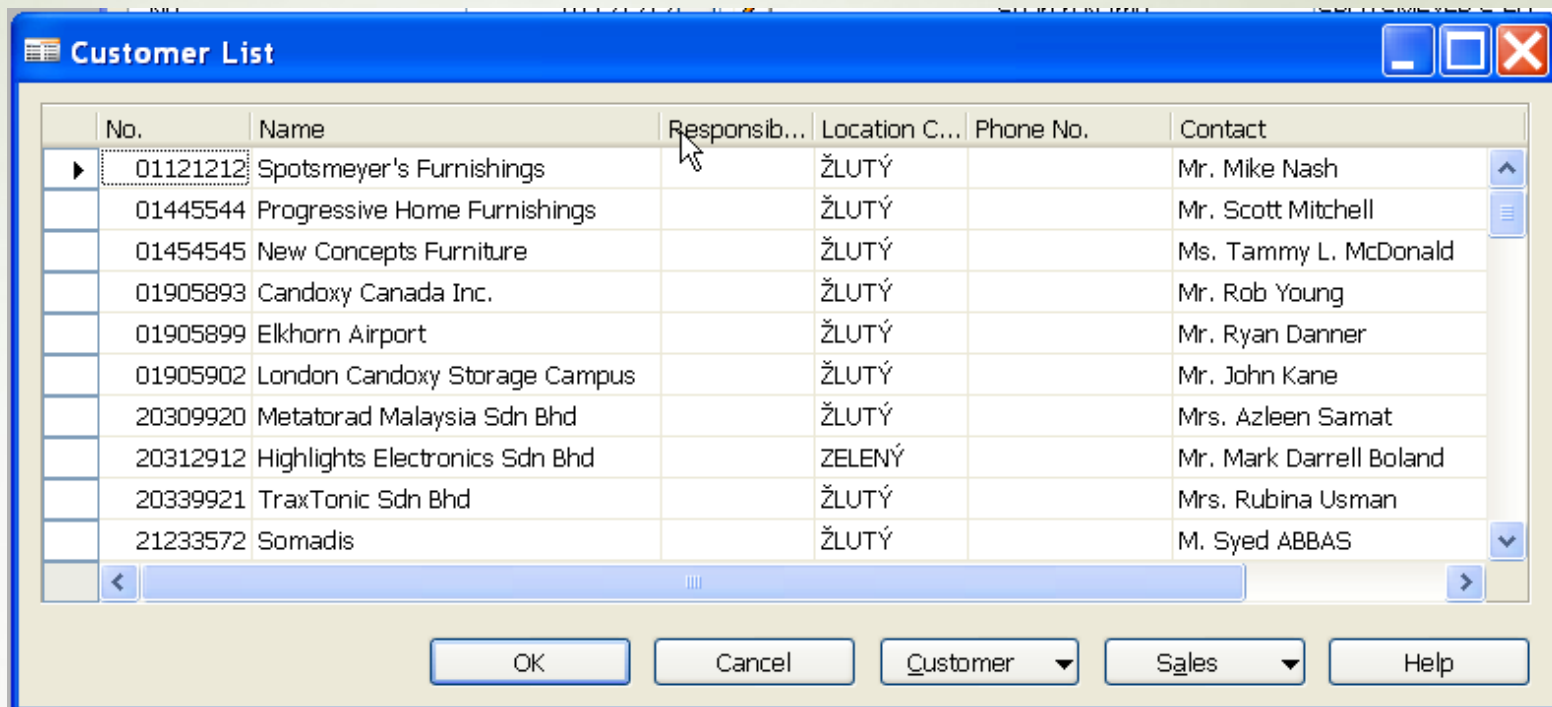
The screenshot shows a software window titled "01121212 Spotsmeyer's Furnishings - Customer Card". The window has a blue title bar and standard Windows window controls (minimize, maximize, close). Below the title bar are several tabs: "General" (selected), "Communication", "Invoicing", "Payments", "Shipping", and "Foreign Trade". The main area contains a form with various fields and controls:

- No.:** 01121212 (with a search icon and an edit icon)
- Name:** Spotsmeyer's Furnishings
- Address:** 612 South Sunset Drive
- Address 2:** (empty)
- Post Code/City:** US-FL 37125 (with an up arrow) Miami (with an up arrow)
- Country/Region Code:** US (with an up arrow)
- Phone No.:** (empty)
- Primary Contact No.:** (empty)
- Contact:** Mr. Mike Nash
- Search Name:** SPOTSMeyer's FU...
- Balance (LCY):** 0,00
- Credit Limit (LCY):** 0,00
- Salesperson Code:** JM (with an up arrow)
- Responsibility Center:** (empty)
- Service Zone Code:** X (with an up arrow)
- Blocked:** (empty)
- Last Date Modified:** 09.06.08

At the bottom of the window, there are four buttons: "Customer" (with a dropdown arrow), "Sales" (with a dropdown arrow), "Functions" (with a dropdown arrow), and "Help".



## Main forms (card, **list**, form->sub-form)



The screenshot shows a window titled "Customer List" with a table of customer records. The table has columns for No., Name, Responsib..., Location C..., Phone No., and Contact. The first row is selected, and a mouse cursor is pointing at the "Responsib..." column header. Below the table are buttons for "OK", "Cancel", "Customer", "Sales", and "Help".

No.	Name	Responsib...	Location C...	Phone No.	Contact
01121212	Spotsmeyer's Furnishings		ŽLUTÝ		Mr. Mike Nash
01445544	Progressive Home Furnishings		ŽLUTÝ		Mr. Scott Mitchell
01454545	New Concepts Furniture		ŽLUTÝ		Ms. Tammy L. McDonald
01905893	Candoxy Canada Inc.		ŽLUTÝ		Mr. Rob Young
01905899	Elkhorn Airport		ŽLUTÝ		Mr. Ryan Danner
01905902	London Candoxy Storage Campus		ŽLUTÝ		Mr. John Kane
20309920	Metatorad Malaysia Sdn Bhd		ŽLUTÝ		Mrs. Azleen Samat
20312912	Highlights Electronics Sdn Bhd		ZELENÝ		Mr. Mark Darrell Boland
20339921	TraxTonic Sdn Bhd		ŽLUTÝ		Mrs. Rubina Usman
21233572	Somadis		ŽLUTÝ		M. Syed ABBAS

# Main forms (card, list, **form->sub-form**)

The screenshot displays a SAP Sales Order form titled "101018 New Concepts Furniture - Sales Order". The form is divided into several sections:

- General Tab:** Contains fields for No. (101018), Posting Date (25.01.08), Sell-to Customer No. (01454545), VAT Settlement Date (25.01.08), Sell-to Contact No., Order Date (25.01.08), Sell-to Customer Name (New Concepts Furniture), Document Date (25.01.08), Sell-to Address (705 West Peachtree Street), Requested Delivery Date, Sell-to Address 2, Promised Delivery Date, Sell-to Post Code/City (US-GA 31772, Atlanta), Quote No., Sell-to Contact (Ms. Tammy L. McDonald), External Document No., No. of Archived Versions (0), Salesperson Code (JM), Reason Code, Campaign No., Responsibility Center, and Status (Open).
- Customer Information:** Includes Sell-to Customer, Ship-to Addresses (0), Contacts (2), Bill-to Customer, and Avail. Credit (0).
- Item Information:** Includes Item Card, Availability (8), Substitutions (1), Sales Prices (0), and Sales Line Dis... (1).

Type	No.	Purch... Code	Drop Shipment	Description	Location Code	Quantity	Reserved Quantity	U
Item	1980-S		<input type="checkbox"/>	MOSCOW Swivel Chair, red	ZELENÝ	6		k ^

At the bottom of the form, there are buttons for Order, Line, Functions, Posting, Print, and Help.

Partner

What

# End of the section Basic architecture

