

# new vision for mobile enterprises

The next stage after online and offline database communication

## InfomatiX

A software developer company specialized in mobile IT. We provide highly customized – user friendly – software solutions for SMEs and large sized enterprises in Hungary and abroad.

Our specialized development field is mobile information technology.

### Enterprise Solutions

- Field / Sales Force Automation
- Project Management
- CRM
- Data Warehousing
- Outsourcing

### Mobile IT

- PDA software development
- Mobile Phone based Applications
- Mobile marketing
- Generic J2ME, Symbian, Windows Mobile, Blackberry

## Companies want...:

- ... complete solution for their problem
- ... determine whether Online or Offline communication is needed
- ... free hand deciding the mobile platform (one or more)

## Possible markets

- CRM
- ERP
- SFA
- Banking
- Supply chain management
- ...

## Currently available platforms

- Laptop
- Pocket PC, PDA
- J2ME
- Blackberry
- Symbian
- Linux
- Brew

1. Mobile Development Framework
2. Mobile utility for Database communication
3. New way for SME-s to use Mobile development

## MobiAccess Definition

MobiAccess is a Mobile Development Framework that enables developers to easily create mobile applications for Data Collection without extensive knowledge on Mobile development.

It handles Data Replication (MobiSync) and Data Visualization (MobiVision) as well.

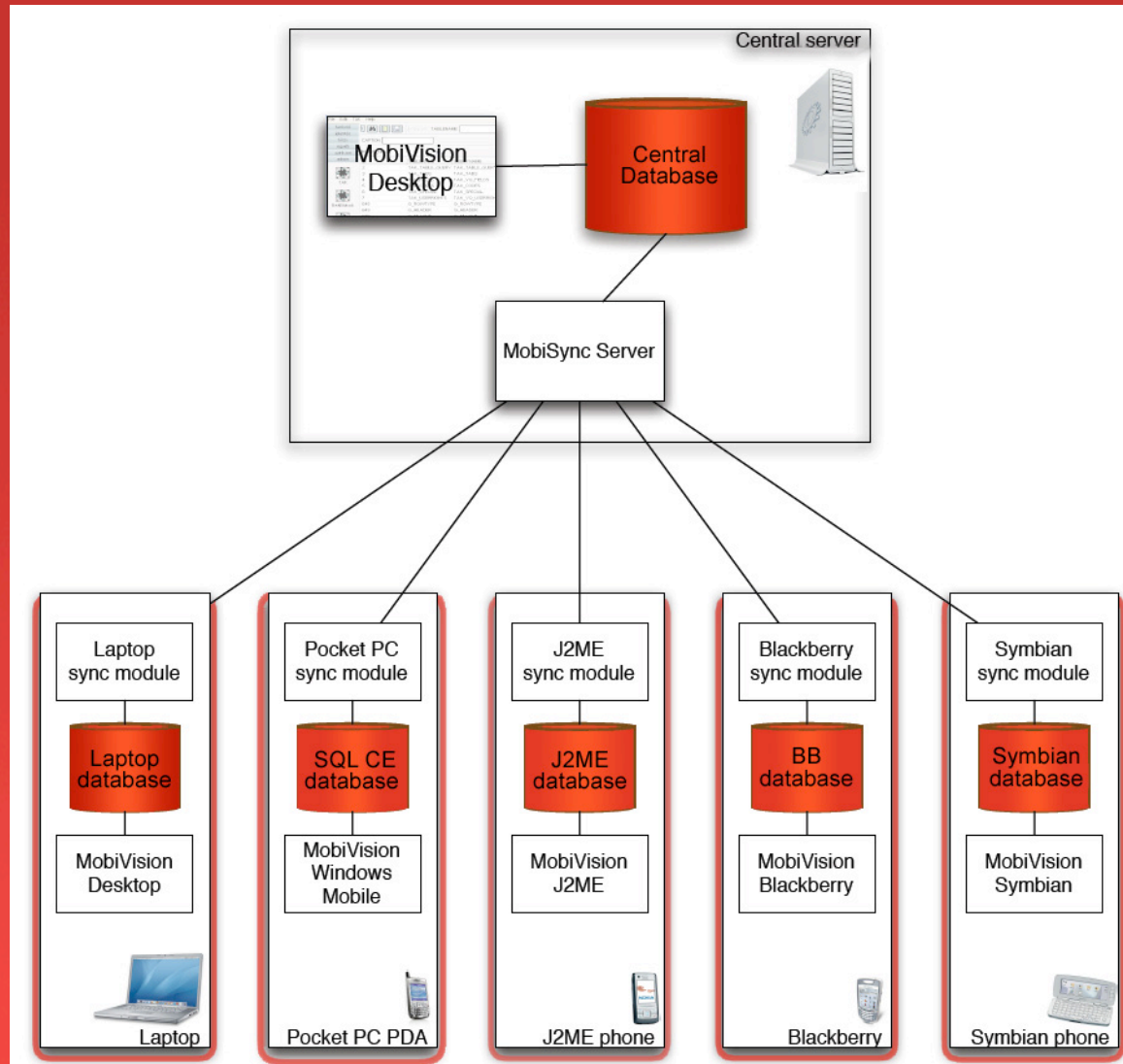
## 1. mobiaccess – Mobile Development Framework

### MobiSync

Generic mobile synchronization framework for SQL databases

### MobiVision

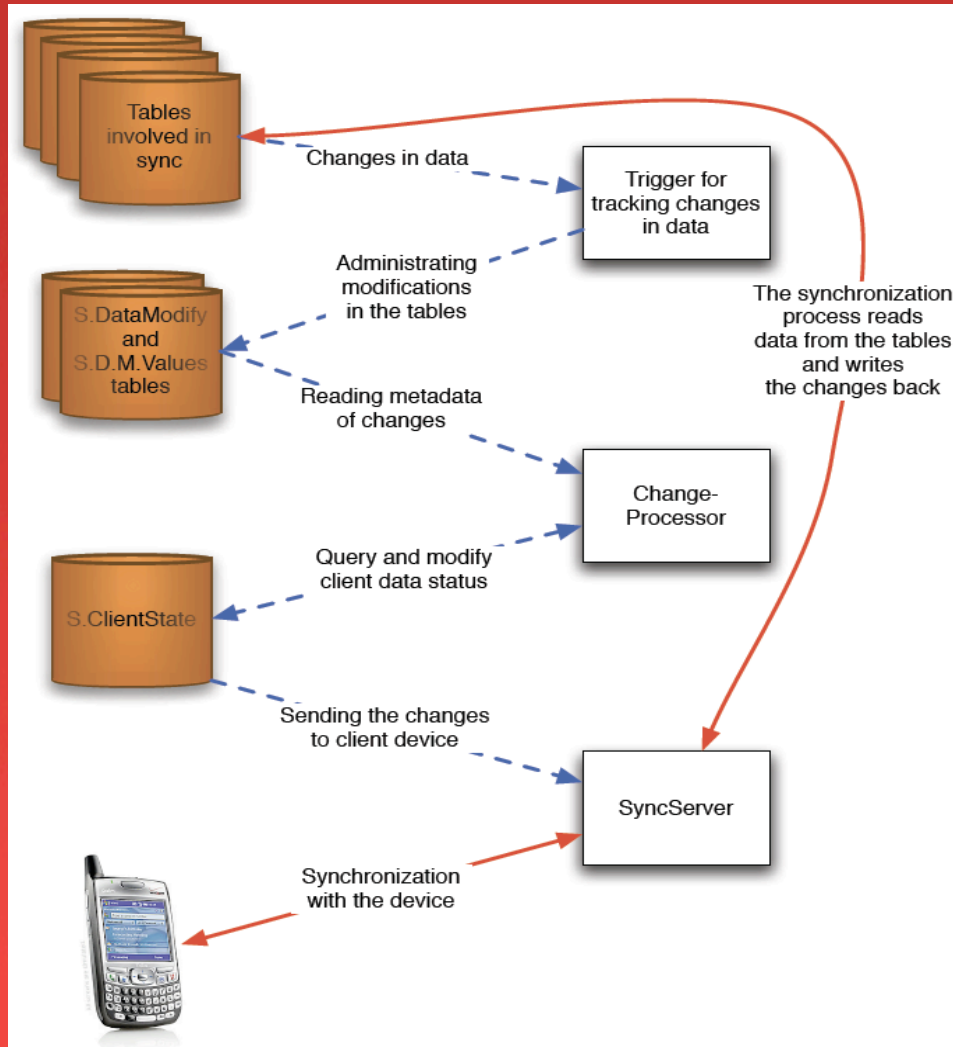
Data visualization tool for mobile devices



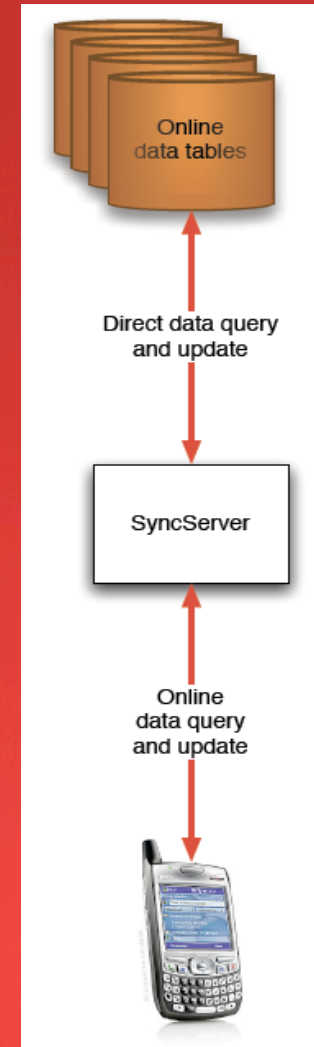
## Features

- Configurable through database tables
- Automatic notification on database changes
- Handles table–relationships
- Configurable rights and table–sets for different client–types
- Possibility for different sync scenarios:
  - Full sync in office in the morning
  - Sync only important data while on the road
- Configuration GUI

## Offline



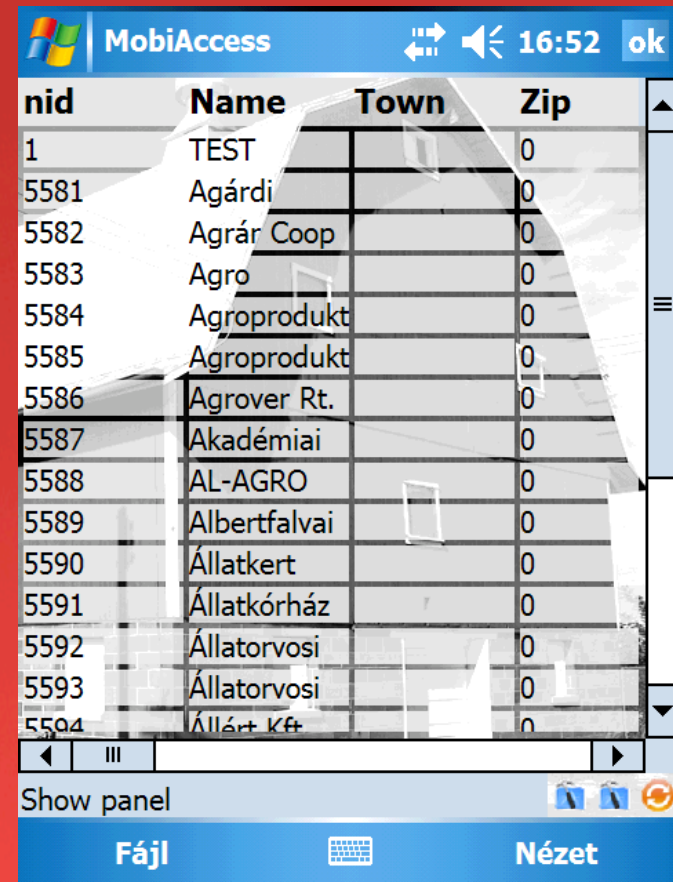
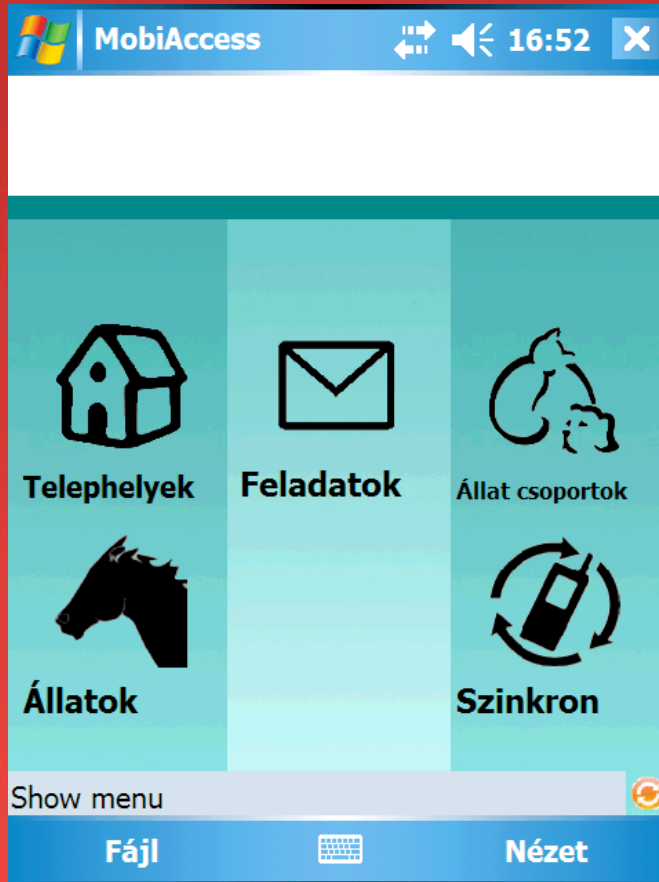
## Online





## Online communication

- Retrieve up to date data from the server
- Handles user-rights and roles
- Reduced bandwidth:
  - Can be combined with offline data
  - Only the data is queried, no markup, images, etc.
- Data visualization is unrelated to operation mode



GyermelyiDistiller - Felhasználó:admin - Nézet:Jelentés-Disztribúció - 93

File Edit TAK Help

Funkció  
Jelentés

átogatásra bontás

Bojtra bontás

Látogatás statisztika

Disztribúció

Konkurencia

Részeseadás

Törzs

Egyéb

Szinkron

Admin

képvisele képvisele

látogatás képvisele

dátum Nap típusa

dátum-tól dátum-ig

min eltelt nap max eltelt nap

ké...	túranap ...	túranap t...	kez...	vég i...	
Fodor	2006-06-08	pakstoln	07:30	0	Mur
Fodor	2006-06-07	tamasi	07:30	17:10	Mur
Fodor	2006-06-06	pecs	07:30	17:15	Mur
Fodor	2006-06-02				Kon
Fodor	2006-06-01	dunauj	07:30	17:00	Mur
Fodor	2006-05-31				Mur
Fodor	2006-05-30	pecsvara	07:30	16:45	Mur
Fodor	2006-05-29	pecs	07:30	17:30	Mur
Fodor	2006-05-26	szd	07:30	0	Mur
Fodor	2006-05-25	pecs	07:30	16:30	Mur
Fodor	2006-05-24				Holi
Fodor	2006-05-23				Holi
Fodor	2006-05-22				Holi
Fodor	2006-05-19	bataszek	07:30	16:00	Mur
Fodor	2006-05-18	dunauj	07:30	17:00	Mur
Fodor	2006-05-17	gorsium	07:30	18:00	Mur
Fodor	2006-05-16	mohacs	07:30	16:30	Mur
Fodor	2006-05-15	pecs	07:30	17:00	Mur
Fodor	2006-05-12				Holi
Fodor	2006-05-11	pakstoln	07:30	17:00	Mur
Fodor	2006-05-10	tamasi	07:30	16:45	Mur
Fodor	2006-05-09	szd	07:30	17:00	Mur

bolt látogatás -tól

látogatás -ig max eltelt nap 30

bolt	telep...	cim	látogató...	sz...	rendelés db
RÉV-Regöly	Régöly	Hunyat	2006-06-07	0	1
94. Coop	Gyöng	Dózsa	2006-06-07	0	1
66. Maxi Ireg	Iregszem	Kossut	2006-06-07	0	1
35. Coop	Pincehely	Kossut	2006-06-07	0	0
C+C	Tamási	Sport	2006-06-07	0	0
28. Coop	Tamási	Sport	2006-06-07	0	0

feladat képvisele

üzlet termék listázottság van

termék	Dis...	Ár	Akc.ár	Ké...	listázottság
Rizsszem 4 toj	nem	0	0	0	választható
Cérnametét 4	igen	0	0	0	választható
Hosszúmet 4	igen	0	0	0	kötelezo
Spagetti 4 toj	igen	196	0	0	kötelezo
Makaróni 4 toj	igen	257	0	0	kötelezo
ABC t 4 toj	igen	0	0	0	választható
Kiskagyló 4 toj	igen	0	0	0	választható
Kiskocka 4 toj	igen	0	0	0	választható
Rizsszem 4 toj	igen	0	0	0	választható
Copfocska 4 toj	igen	0	0	0	kötelezo
Csavartm 4 toj	nem	0	0	0	választható
Naqvocka 4	igen	0	0	0	kötelezo

70 15 42

## Mobile visualization module

- Platforms: Windows Mobile, Blackberry, J2ME, Symbian
- Common XML format for configuration: libraries, menus, panels
- Different standard library for different platforms
- Platform-specific plug-ins can be written independently
- Library for data sync

## Configuration module

- Active-X plug-ins for the presentation module
- GUI for configuration
- Visualization module (tables, 3-pane views, popups, menus, ...)
- Synchronization (tables, fields, client-types, clients, ...)
- Mobile visualization module (panels, tables, actions, ...)

## Mobile solution requirements

Automatic access to up-to date information

On-line



Off-line



MobiAccess

Rapid development with minimal learning



Same system on multiple devices



Low development costs



Low communication, maintenance costs



System without server



Rich and responsive user interface



User access right management



# Thank you for your attention!

Czilik István  
+36 30 371 4168  
[iczilik@infomatix.hu](mailto:iczilik@infomatix.hu)

Szabó Balázs  
+36 20 433 3355  
[bszabo@infomatix.hu](mailto:bszabo@infomatix.hu)