

LET'S GO TOGETHER!

TabletBizz Cloud Platform Development

Professional gateway towards profit





The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand.



Vince Lombardi
The greatest American Football coach

The problem



For most of our developments, there has been a need to use some form of cloud computing. This means making computing services — such as servers, storage, databases, network management, software, analytics, intelligence — available over the Internet (in the "cloud") for faster innovation, flexible resources, and economies of scale. An in-house cloud backend development could reduce operating costs, operate the development infrastructure more efficiently, and be easily resized if the customer's business needs change. The development of the TabletBizz Cloud Platform has become essential.

Key success factors for mobile and tablet projects

SUCCESS FACTORS

Strategy – Why are we doing this?

Design – How are we doing this?

Development – Let's create this.

Marketing – Let's promote it.

Maintenance - Let's maintain our user base.

WHY WITH US?

- Because we understand what we are doing.
- Because we love what we do!
- Because we believe in what we are doing.
- Because we can solve it when others have already given up!



Everything is possible! Sales, Marketing and Communication integrated in one solution



How does the TabletBizz Cloud Platform support the improvement of sales efficiency?

It supports Clients in making decisions



Our solution





Development and flexibility

The new TabletBizz Cloud Platform can work on all three operating systems (iOS, Android, Windows) or even a mixed system.



New services and opportunities

We can take into account all the requests, functions, extensions, and modular integration into the TabletBizz Cloud Platform.



Save Time & Money

During the development of the TabletBizz Cloud Platform, - unchanged monthly fees - the existing system can continue to work flawlessly.

TabletBizz Cloud Platform features and options:

- Use of service
- Document Management from the admin interface
- Generate customizable reports
- Higher customer management

- Supports all three mobile platforms even at the same time (iOS, Android, Windows)
- Business analytics
- Built-in chat



TabletBizz Cloud Platform features and options:

- monitoring, managing trends and reports
- bulk email sending with own and third party systems
- resource usage billing

- possibility to implement custom functions with low development time and costs
- can be flexibly adapted to corporate infrastructures.



The role of the TabletBizz Cloud Platform

For TabletBizz CLM System device management:

• Turn on / off ad-hoc new services and options

• **Device Link Service** (remote administration of devices integrated into the system):

- Continuous live connectivity with the devices,
- You can see which device is currently in use
- Handling a "Remote Desktop" connection
- Show device on a map
- Remote control of device (clear, lock, messaging)
- Handle Push Messages

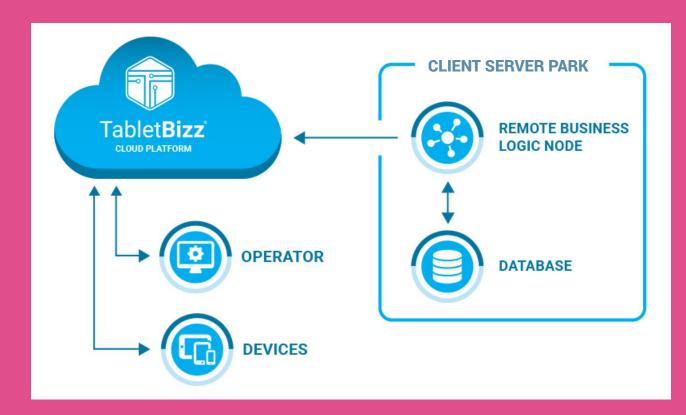




Server-side features:

- Java EE server application
- JDBC database management
- Runs in Windows and Linux environment
- Scalable
- Modular design
- Two-way communication (Socket)
- Rest API with full access

TabletBizz Cloud Platform Remote Business Logic scheme (RBL)



TABLETBIZZ PLATFORM

- Keeps the client communication in the Cloud
- Keeps the control panel on the cloud
- Provides secure communication socket for the RBL

RBL MODULE

- Runs in the Client's server park
- Contains the full logic, all setting and all data
- Can use the DSK's own database (Oracle, MySQL, Postgre, MS SQL, etc.)
- Client keeps the data in the own storage, and access

THE CHALLENGE

Based on Client's internal security policy, we need to suggest a technology to keep client data in the infrastructure of the bank. TableBizz Cloud Platform is a cloud based solution that keeps device communication, authentication services and control panel online.

THE SOLUTION

In the TabletBizz Platform we have a new feature to keep client services, logic and data (the client's business logic) in a separated node what is independent from the cloud system. This feature is very flexible, the business node can run in a separated server in the TabletBizz infrastructure, but it can run in a remote infrastructure, like in the client's own server park.

THE SUGGESTION

We can suggest a scheme of the service as follows.

TabletBizz Cloud Platform Remote Business Logic scheme (RBL)

REQUIREMENTS

- How RBL may be run:
 - Run as JAVA EE service
 - Run in a standalone server (managed by our IT department)
 - Run in a virtual machine (managed by our IT department)
 - Run in our separated server (this will be the plan B)



- The communication is started by the RBL, no incoming connection needed
- No outside access to the service
- All communication from the TabletBizz Platform is encrypted with asynchronous RSA keys, what means the data is never decryptable outside of the RBL

In this solution we can keep the Client's internal security and we can keep the power of the cloud service. If the connection is lost between the TabletBizz and the RBL node for any reason, the clients will work as well (collecting data and do the presentation still working, but no updates and client informations from the RBL). In this case, we store the collected data in same encryption (Async RSA) like in the RBL communication.



The Idea and the Solution

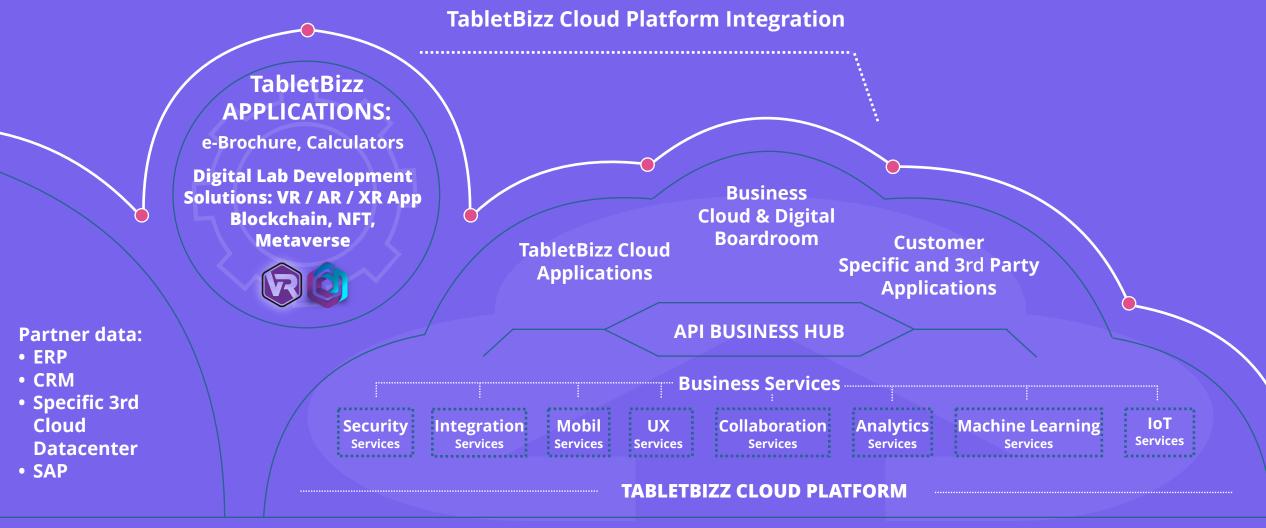
Take full advantage of the TabletBizz Cloud Platform

Short development time and low cost
In addition, we can use our cloud-based services to
support the successful business use of web
applications developed by us or run as services,
banking-mobile or AR / VR / XR, Blockchain, NFT or
even Metarverse developments.





Modular architecture of TabletBizz Cloud Platform





competitive advantages

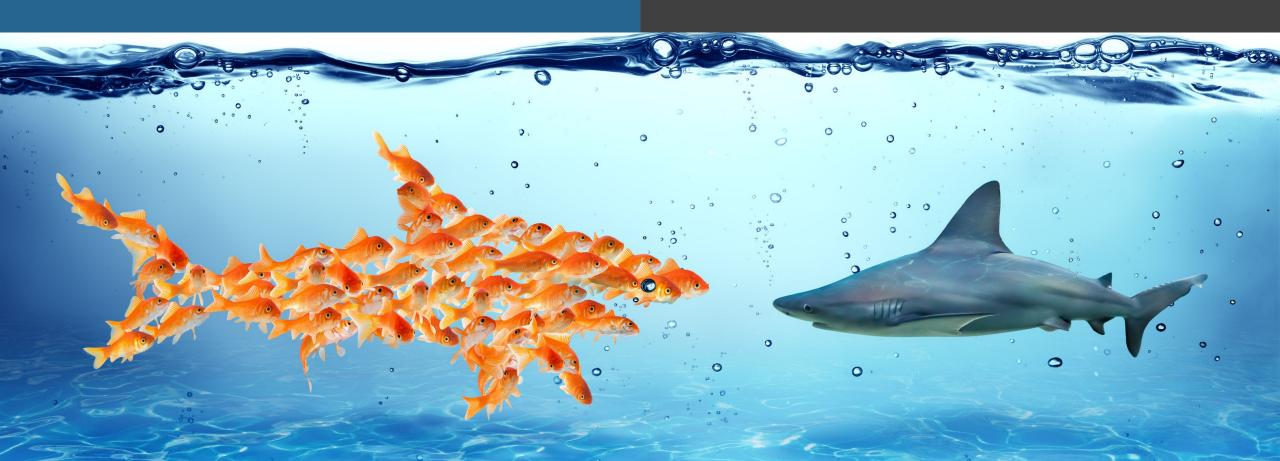




Comparison

Large Global Systems

Because of its modular structure, it is a true competitor of large systems





- Full compliance with security protocols accepted in a banking environment
- Protection against decryption
- Communication encryption
- Cert pinning
- Own One Time Password technology (for authentication of client-side instructions)

Competitors



- It is more difficult to comply with Hungarian or local laws and regulations, or to comply with the system.
- Restricted control the user cannot create new cloud services or modify existing ones; the range of physical hardware specifications is also limited;
- Potentially high costs In the long run, using public cloud computing can be more expensive than using an on-premises on-premises - solution.
- Dependence on the service provider the user has no influence on the solutions proposed by the cloud service provider; if you rely on only one solution.

The attractive alternative



- Cost effective and predictable.
- System development and the necessary content development are in the same hand.
- Which simplifies and speeds up the incorporation of messages in line with your business strategy.
- Possibility to implement custom functions with low development time and costs.
- It can be flexibly adapted to corporate infrastructures.
- Advanced social media connectivity, high level of integration.



- Data security risks (our data is typically sent outside Hungary or even outside GDPR)
- Availability costs are typically high.
- Availability, customer service, problem solving are more difficult within a global service.

Our Services

TabletBizz

Cloud Platform

Device Link

reporting

operations

maintenance

Digital Lab Development
Solutions: VR / AR / XR App
Blockchain, NFT, Metaverse

advanced data management

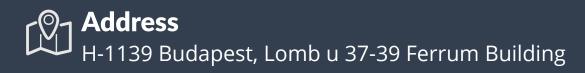
support

content development

mobile development

fintech app development











=TIME

