zentity

Zentity

Digital Server

Zentity Digital Server (ZDS) simplifies your digital channels by standardising the information exchange and business logic between your digital channels and your back-end systems. It is the most secure solution on the market that comes with a full module set for business functionalities allowing you to get ahead of the competition while keeping your costs under control.

The one engine you need for your digital channels

Simplifying ALL your existing and new digital channels

ZDS enables you to take complexity / business logic out of your existing channels and allows you to manage all of your digital channels more flexibly and centrally.

Easier and more transparent channel management

ZDS comes with strong and sophisticated management tools enabling you to monitor, track and store all transactions from all of your channels.
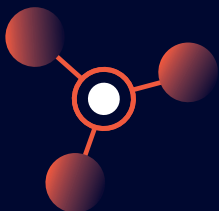
Significant Cost Reduction

Lower development costs through standardised information exchange and integrated Demo and Mock Adapters.

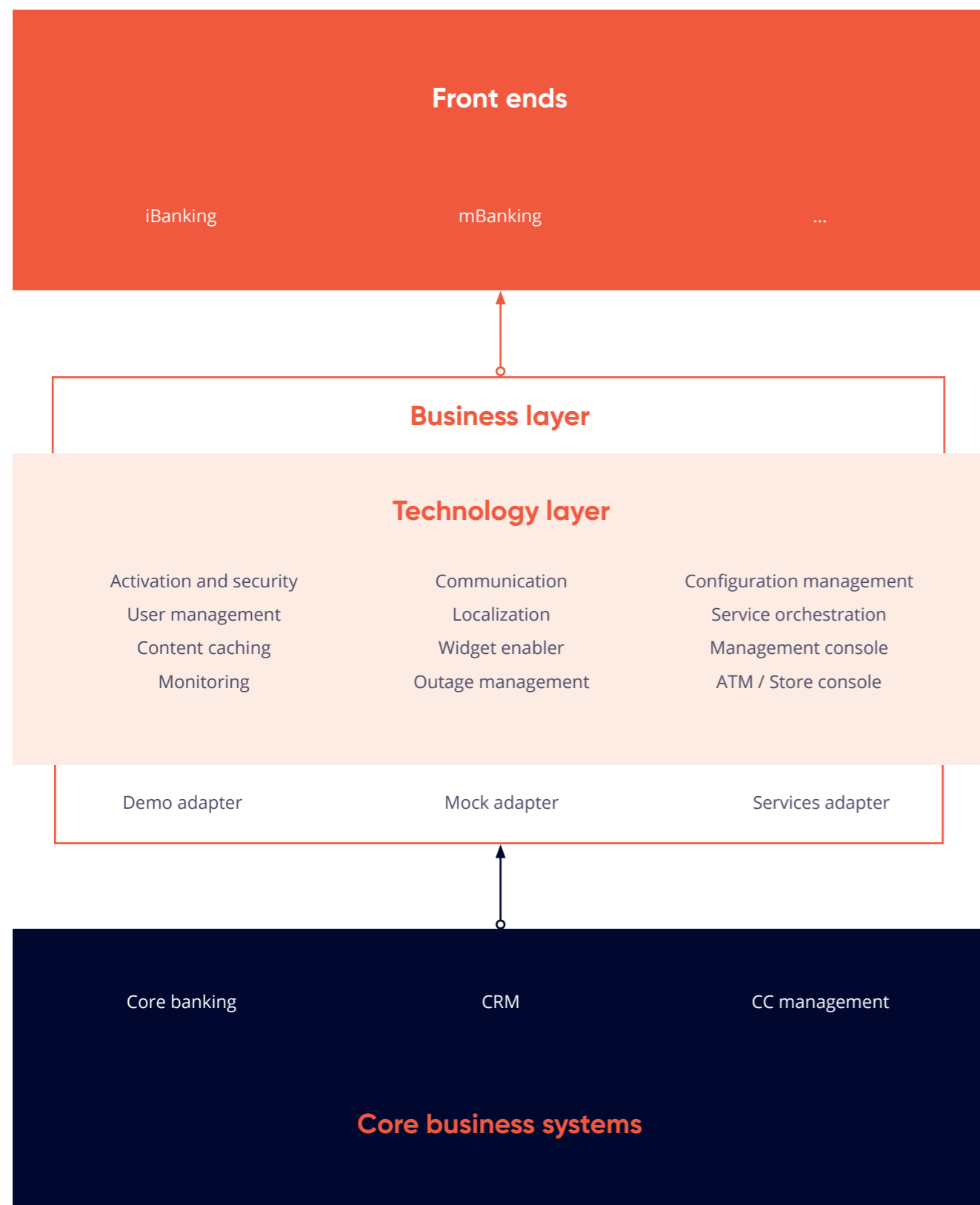### Flexible and fast deployment of your digital banking services

ZDS comes with predefined, yet customisable core services / business API's ready-to-use for your digital banking needs.

More flexible and faster Service Roll-Out

Through ZDS new business functionalities can easily connect to your Back-End and allow the fastest service implementation on the market.

/ How it works

Front ends

iBanking   mBanking   ...

Business layer

Technology layer

Activation and security	Communication	Configuration management
User management	Localization	Service orchestration
Content caching	Widget enabler	Management console
Monitoring	Outage management	ATM / Store console

Demo adapter   Mock adapter   Services adapter

Core business systems

Core banking   CRM   CC management

/ Key features

01

**Core services Mobile /
Internet banking services**

The Zentity Digital Server comes with a predefined set of services/functions such as: activation, login, dashboard, balance overview, transaction history, account overview and others.

02

Activation and security

Zentity developed the most secure solution for the activation (pairing) of applications within mobile devices and integrating them into ZDS (AuthServer). Based on the public / private keys or current "OAuth2" standard.

03

Configuration Management

Each ZDS module comes with various configuration options. There are two types: static (defined within ZDS) or on-the-fly (with possibility to manage them viac Admin Console).

04

User Management

The capability to create & manage users for accessing the Administration Console, APIs exposed by ZDS as well as that of customers of the front-end application.

05

Widget Enabler

ZDS exposes REST based APIs which can be easily used for "widgets".

06

Localization

Easy definition and management of multiple language mutations for the same element in a central cloud based database. This approach removes the necessity of releasing a new version of the application just because of text / labels corrections.

07

Content Caching

ZDS allows to cache specific information for specific time so that it is not necessary to call backend systems again to retrieve the required information if the information is still valid.

08

Outage Management

The module allows management of one or more "Planned outages". Once the Planned Outage is set then front-end channels can display customized information to customers.

09

ATM / Store Console

Management of Points Of Interest (POI) used throughout the channels where POI could be ATMs, Stores, Gas Stations, etc.

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Management Console

Web-based ZAC for simplifying the management of available ZDS modules.

11

Service Orchestration

ZDS provides the capability to group together various ZDS API calls towards back-end systems for example to retrieve the profile of a customer who requires information from the Profile Database, CRM system and Billing System. All API calls are covered within one API exposed by ZDS towards front-end applications.

12

Mock Adapter

This adapter allows users to create mock (fake) data allowing the development of front-end applications, even though the backend systems are not ready yet to speed up the development.

13

Service Adapter

ZDS includes a connector to your back-end systems with predefined standards (bank/telco) via various protocols such as JSM, WS/SOAP, REST/JSON.

14

Demo Adapter

Possibility to create a functional demo application with mock data, so that users could see "how the application works even before becoming client of the bank / telco".

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Monitoring

Allows to you gather all calls & activities Initiated by the front-ends toward the back-end systems.
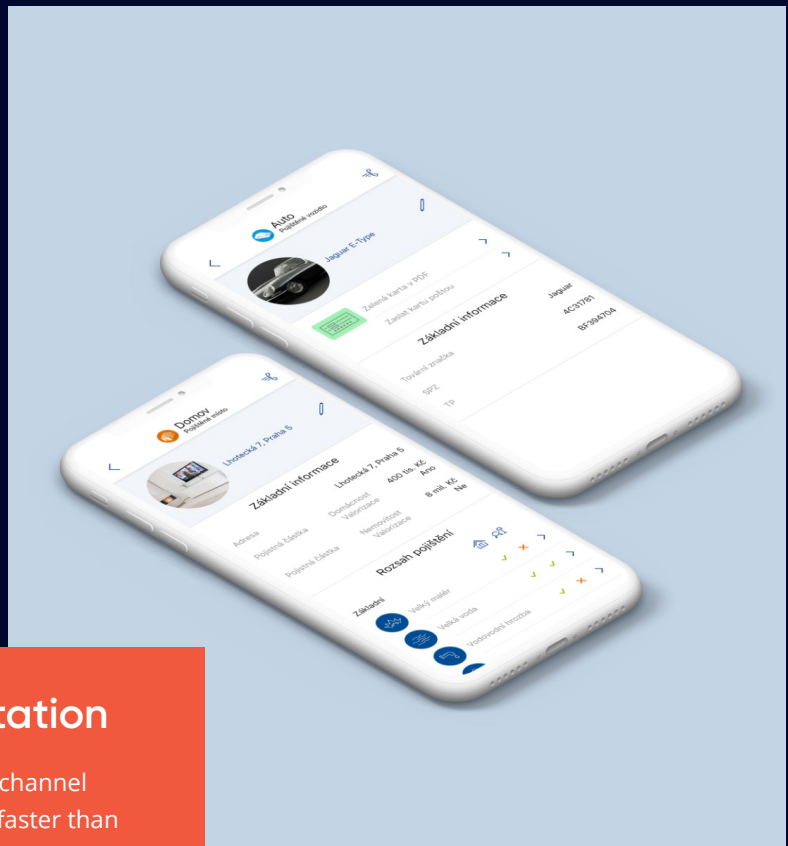
Implementing new digital solutions based on ZDS is key to lead in a competitive digital market

The Zentity Digital server became a key architectural element of group mobile and web banking solutions for all of our customers. The Zentity Digital Server provides significant acceleration of solution delivery using pre-defined adapters for integration initially and for all future services with back-end systems, mock data and many other features gathered over more than 10 years of R&D. Our Digital Server plays a key role in providing unified and omni-channel customer experience while optimizing delivery and operational costs of the whole digital solution. Moreover, the Zentity Digital Server opens the door to future innovations and thus allows the group digital banking solution to grow hand in hand with market evolution and business requirements without any technological limits and huge integration efforts.

Our customers used the ZDS to increase the flexibility of their digital channels

Clients approached us with the request to simplify and renew their existing digital channels (web & mobile). They had been developed gradually and were quite complex to keep aligned. Also integrating 3rd parties into this environment (like Open API) proved to be complex. With the implementation of the Zentity Digital Server we simplified not only the digital channel front ends but also the access to the core business systems.

3 times faster implementation

The initial implementation of a new digital channel with ZDS is on average 3 times (4 months) faster than a traditional implementation and additional services can be implemented within weeks rather than months.

Speak to one of our experts

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