for the client Všeobecná zdravotní pojišťovna České republiky
/ Public Health Insurance Company of Czech Republic (VZP ČR)

The solution significantly shortens the time when handling clients and eliminates the error rate when rewriting amounts to the payment terminal. The aim was to modify the Cashier application so that the acquisition of cash documents was directly linked to the payment terminal. I.e the amount paid (and the variable symbol) does not have to be entered manually into the terminal by the cashier, but is read directly from the cash receipt. At the same time, the payment is routed according to the type of payment to the relevant VZP ČR account.

Our IT solution will satisfy you!

Implementation date Q2/2020

DESCRIPTION OF THE DELIVERED SOLUTION:

- As part of the VZP ČR project in cooperation with the Czechoslovak Commercial Bank (ČSOB), VZP requested the delivery of a cash register system (in the Cashier project) with payment terminals via a GAPA server solution and secure communication.

- The solution was implemented on the IPF integration platform together with the complete encapsulation of communication with ČSOB servers and with the implementation of orchestration services that handle calls according to data flows defined by the provider.

- Atomic asynchronous services are provided for the needs of consumers within the VZP ČR system with an interface according to the VZP ČR standard. Asynchronous messaging and event-driven communication are key here for passing changes between multiple micro-services.

PROJECT DETAILS

- GEM System ensured the overall rollout process and the introduction of new payment functionality at all VZP ČR branches as soon as possible. In practice, these were primarily new payment terminals and connectivity. Part of this was to ensure adequate safety in the operation of the solution.

- The function of „passing" one active terminal at the branch between individual running instances of the application was implemented.

- The integration platform and final applications were modified so that the processes of VZP ČR were maintained and at the same time the given payment interface of ČSOB Bank was complied with.

INTEGRATION AND DEVELOPMENT

BUSINESS INTELLIGENCE

SAFETY

MANAGEMENT AND SUPPORT

References project implementation
Cash registers and terminals

for the client Všeobecná zdravotní pojišťovna České republiky
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USED TECHNOLOGIES AND SOLUTIONS

Communication outside the organization is implemented through a secure B2B infrastructure VZP ČR.

The services communicate using the SOAP protocol.

Other technologies used represent primarily Oracle DB and Oracle SOA Suite.

DESCRIPTION OF THE DELIVERED SOLUTION:

- The client kiosk can be at the store place VZP ČR equipped with payment terminal.

- It sends solutions to payment terminals GAPA request for payment from the cashier on VZP ČR branch through the supplied integration.

- Client according to terminal instructions by default makes the payment.

- GAPA provides information on whether the client has received receipt, which is the final moment of each GAPA payment.

- GAPA server runs in ČSOB bank and via secure connection is in progress within a payment transaction.

- The GAPA solution ensures the security of the whole transaction.

CONDITIONS OF IMPLEMENTATION DELIVERED SOLUTION:

The implementation of the project does not represent a legislative change, but an improve-ment of the existing solution of payment by card at the VZP ČR cash desk.

Solution of the request by VZP ČR was conditioned by:

Ensuring the modification of the IS VZP ČR CASH DESK application

Successful certification of the modified application CASH REGISTER

Ensuring the availability of free internet connection via LAN socket or via WIFI for the payment terminal (s) at all VZP ČR client workplaces with cash register