viaPro

Banking

*Electronic data exchange solution
between financial management system
and bank systems*

Healthy cash flow is crucial for any business, but to get good overview of the situation at any particular moment, importance of actual data exchange has to be noted. With actual data exchange we understand financial transaction representation in the ERP system as soon as data about such transactions are available. Manual data input in the ERP system requires extra time and human resources, thus is not so profitable. Nowadays information technologies allow replacing these manual transactions with electronic data processing significantly increasing the volume of data being processed in a very short period of time. Also this means that human interference is required only in cases when specific transaction cannot be unambiguously interpreted.

When it comes to electronic data exchange of financial transactions, security becomes priority. This is primary reason why many companies choose to use on-line data exchange solutions offered by banks, thus eliminating human factor in data sending and receiving procedures.

viaPro Banking is electronic data exchange solution between financial management system and bank systems. *viaPro Banking* solution provides following functionality:

- Outgoing payment (invoices, salaries) data generation and transfer to bank systems;

- Incoming payment data receiving from bank systems and transfer to ERP system;

- Bank commission and interest payment data receiving from bank systems and transfer to ERP system;

- Actual data receiving from bank for customer credit control;

- Cash register data processing and transfer to ERP system;

- Access and security control – beginning with user access to specific modules up to payment handling rights, using authorization tools available for respective bank;

- Multi-company structure support if multi-company structure is at place in ERP system.

Supported ERP systems

Initially *viaPro Banking* solution was developed for data exchange with ERP solution *Epicor iScala* and is compatible with all *Epicor iScala* releases starting from *iScala 2.3*. Outgoing payment data is received directly from ERP database transactions; data transfer from ERP system can be set at file level or online using *Epicor Service Connect Solution*.

Nowadays *viaPro Banking* can be integrated with any ERP solution that uses *Microsoft SQL* data base management system and supports payment import from output file.

Supported banks, data formats, data transfer technologies

Incoming data is received using data exchange method offered by bank – at file level or online service.

viaPro Banking can receive data at file level from any bank supporting FIDAVISTA and/or SEPA (ISO 20022) formats. From HANDELSBANKEN data is received in LITASESIS format.

Receiving online data (account statement)

SWEDBANK
Data format: FIDAVISTA, SEPA (ISO 20022)
Online service "SWEDBANK GATEWAY"*

SEB BANKA
Data format: FIDAVISTA
Online service "SEB GATEWAY"*

NORDEA BANKA
Data format: FIDAVISTA
Online service "NORDEA BRIDGE"*

Sending online data (payments)

SWEDBANK
Data format: FIDAVISTA, SEPA (ISO 20022)
Online service "SWEDBANK GATEWAY"*

SEB BANKA
Data format: FIDAVISTA
TELEBANKA* solution service "SEB SOAP INTERFACE"

NORDEA BANKA
Data format: FIDAVISTA
Online service "NORDEA BRIDGE"*

* Customer has to agree with their bank about using this service.

Technical requirements

Microsoft SQL server 2005 or higher.

Windows operating system starting from XP (to work with SEB GATEWAY *Windows 7* or higher).

Description of core processes
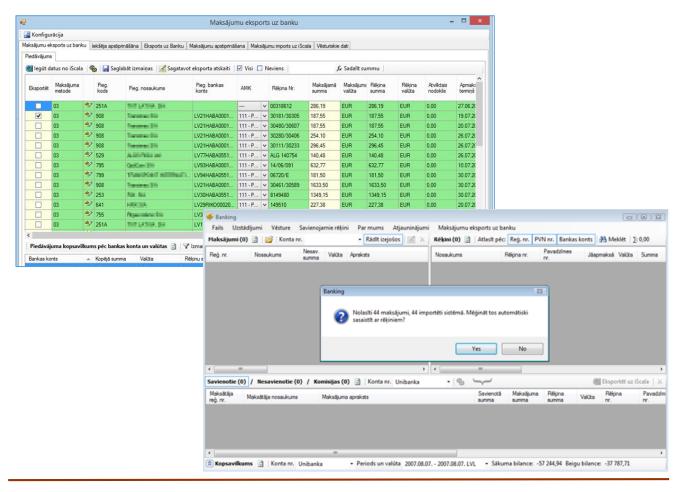
Outgoing Payments (Creditors)

Outgoing payment data is generated in *viaPro Banking* using supplier invoice data from ERP system, for example *Epicor iScala ERP.*

In *viaPro Banking* supplier invoices from ERP system are selected based on invoice number, supplier, and payment method or payment terms. If necessary, user can adjust payment amount, in case of partial payment of the invoice, or choose different bank account. Company payment policy is defined in *viaPro Banking* and after data processing, payments are transferred either to the responsible person for approval or to the bank. After payment control in the bank, user sends information from *viaPro Banking* to ERP system regarding these payments.

Outgoing Payments (Payroll)

Salary payments by nature are under very strict and specific data access requirements. In addition, company policy may require to merge all salary payments in one cumulative transaction, thus limiting the level of personal detail available in certain registries.

In order to support this, salary payment file is created in ERP Payroll system and imported in *viaPro Banking.* Functionality is controlled by user access rights and upon need user can make corrections only in the purpose of payment line and send payment data to the bank.

Incoming Payments

Incoming payment or debtor's transaction data for processing is received from the bank electronically in the form of account statement. *viaPro Banking* task is to identify each payment against respective customer invoice in ERP system and prepare data for automatic input in the system according to selected data exchange method.

Account statement is imported in *viaPro Banking* where it is automatically linked to respective customer invoice. In case information that would allow to link payment automatically e.g. the purpose of payment is missing, user can do this manually. When all payments are allocated, user prints report and imports data into ERP solution.

Bank Commissions

Bank commissions and interest payments are processed in a similar way as incoming payments. After receiving account statement *viaPro Banking* automatically classifies them by transaction type. When all payments are classified and assigned, user prints report and imports data in ERP.

Customer Blocking (Credit Limit Control)

Although credit control is not a part of cash flow transaction processing, it is still important from management perspective to ensure healthy cash flow. It is crucial to update credit limit and customer credit status – delivery allowed/blocked, as soon as there is new data available in the bank.

Based on the data in ERP system and actuals from the bank, *viaPro Banking* analyses customer data: cash flow, amount, and payment terms. As a result, *viaPro Banking* proposes to change customer credit status in ERP. Solution allows also to change customer credit status manually, but taking into account possible consequences (delivery to bad debtor), reason has to be register and automatically e-mail is sent to the responsible person in the company. Reason is saved in the company database for later data analysis.

Cash Register data processing

This functionality allows to integrate cash register operations with ERP system. In this case *viaPro Banking* act as mediator that receives data from SQL data base (receipts) and sends it to ERP system.

About viaPro

viaPro is business management consulting company that helps companies implement IT based business management systems, improve business processes and create innovative solutions. Our strategic goal is to enable our customers to realize their business ideas and gain competitive advantage in their markets by applying our theoretical and practical knowledge in the field of enterprise resource planning solutions (ERP) and next generation information technologies. We continuously invest in the development of our expertise and transfer our business and organizations culture experience to our customers. For more than 20 years **viaPro** has been taking part in different ERP system implementation and IT solution integration projects in different industries. We follow latest market trends in order to be able to give best value added to our customers in different IT projects thus allowing them to achieve higher return on investment from their projects. We help our customers in different project stages that are related with the use and implementation of business management systems.