

TTP (TermTech Prime) – Online Suite

ATM Transaction Server (Optimus)

Introduction of all functions that are required by an institution in order to manage ATM transactions and flows in compliance with new technologies and provision of all capacities necessary for ATM's with ease are essential for the present day. When compared with all other channels of institutions, number of transactions at ATM's is well ahead. ATM is a channel providing 24/7 service for your institution's customers and seamless operation of server software running at the headquarters is fatal for continuous ATM transactions without any interruptions.

With **ATM Transaction Server (Optimus)** software developed by TermTech, a member of **TTP (TermTech Prime) – Online Suite** product family, an infrastructure which makes it possible for users to add or modify functions in a very short time without the help of software developers. Furthermore, they can add new transactions with minimal code development and easily make screen, receipt and journal definitions. **ATM Transaction Server (Optimus)** was designed and developed as a groundbreaking system based on reviews of similar software packages which are commonly used in the industry by expert business analysts and software developers, and also considering the demands of institutions.



ATM Transaction Server (Optimus) software:

- Ability to migrate system changes into production environment during day time in a controlled manner without system interruptions,
- Management of all tools required for ATM management by a single management interface,
- Central and remote management, execution and maintenance of operational efficiency by means of a parametric infrastructure, without going to the ATM site,

- Multivendor ATM support providing easy integration with other brands and models depending on institutions' preferences along with all ATM brands used in the world and in Turkey (NCR, Diebold Nixdorf, GRG, etc.),
- Easy and fast integration with in-house and external systems all thanks to parametric infrastructure,
- Structure which supports particularly Turkish, English, German, French, Russian, Arabic and other languages with multilanguage support, for transactions with OnUs cards, NotOnus cards and also for cardless transactions. Ability to define transaction language per ATM, region and city, ability present a default language that might be changed to other languages depending on customer preference for OnUs cards. Statistical evaluations intended for determination of languages used by customers/cards based on reports generated from transactions,
- Multicurrency support,
- A robust reporting system for easy and fast access to correct data on system, easy report generation for users to create their own reports,
- Automated performance of all kinds of configuration, screen, application/software changes without requiring additional operation,
- Differentiation based on customer, card, customer group and card group on ATM menus and transaction sets,
- Ability to use all features of all ATM units (card reader, cassettes, money deposit/withdrawal, EPP, barcode, recycle etc.) and easy integration and management of additional hardware (contactless reader, fingerprint/palm reader, contactless card reader, camera, anti-skimming devices etc.),
- Ability to use HTML based ATM screens and enhanced input, output and graphic screen features supporting the operations used in our country with the same structure (NDC and/or DDC),
- Ability to perform all transactions with cards, without cards and by using an electronic keyboard and ability to use the ATM as an alternative distribution channel,
- Compliance with national and international standards for EMV, security and etc. along with operation in line with national and international standards like PCI, BDDK, VISA, Master Card, BKM,
- In addition to existing ATM functions, support for many new functions such as cardless transactions, prepaid card loading, money transfer to other banks' cards, coupon provision, cinema/theater ticket provision, undefined EFT, withdrawing money without a card and without being a customer of the bank,
- Ability to perform all transactions requiring physical money (money withdrawal, money deposit, payments, remittance, bank transfer, EFT and all other transactions) by starting on mobile and/or other channels and finalizing on the ATM with wide QR transaction support.
- Ability to log and report cases in which the customers request a receipt
- Integration with other systems of the bank is done and the customer's past ATM transactions are considered. If any transaction other than the customer's usual behavior is detected, the customer is notified with SMS and/or e-mail about fraud risk.
- Ability to perform daily and monthly transaction limit controls considering criteria like card, card group, transaction, transaction group on an ATM and whole system based manner,

and lots of more features.

Besides all the features described above, it is possible to check amounts to be replenished by operators in the cassettes of ATM vaults with the minimum and maximum values specified along with the amounts to

be added for cash management and set up a warning mechanism for out of limit values. Retrospective tracking is also possible. Money deposited in vaults (customer and/or operator) and money withdrawn from cassettes can be monitored instantly; monitoring of deposited/added and paid/withdrawn amounts can be performed on an ATM, transaction and whole system based manner taking banknotes as the basis. An infrastructure that enables changing the cassettes individually or in batches by headquarters or other channels (branch, other firms) without the cassettes being opened is available.

Vault consistency between ATM, Server and accounting system is checked constantly and an early warning is provided in case of any reconciliation issues.



In addition to the campaign module provided in the system, integration with banking system's banking modules allows ATM, city, region, card, transaction, customer and general system based campaigns. The campaign system enables product marketing, sales, presentation, ability to guide from to transactions, conduct surveys about product and services, generate special messages for customers during transactions and support the outputs of such transactions with reports thus offering a powerful campaign system which helps with marketing and sales.

It is possible to provide campaign management over ATM (on the basis of ATM, city, region, card, transaction and general system) with the system's own campaign module and by integrating with the banks' campaign systems.