

# TranzWare Mobile Banking



## Efficient banking services available through mobile channels



Over the last decade, mobile phone use has become fundamental in everyday life. Today, 99% of the global population use mobile phones, and in developed countries, the mobile phone penetration rate has long exceeded 100% (ITU, 2016). It is predicted that users of mobile banking services will reach 2 billion globally by the end of 2021 (Juniper Research, 2016). This means that to compete in the mass-market, financial institutions must utilise mobile phones as one of the key remote access points to banking services.

Designed to offer both traditional and innovative banking operations and services via a wide range of mobile phone models and tablets, TranzWare Mobile Banking (PocketBank) offers financial institutions the ability to build secure, feature-rich mobile applications that are tailored to their customers' requirements.

### SMS banking

SMS banking is one of the most accessible and inexpensive ways of providing banking services via mobile phone. SMS can provide information such as account balances and notifications of transactions and many financial institutions successfully implement services allowing their customers to make transactions using SMS commands. TranzWare software products enable fully functional SMS banking: a user can choose different event notification schemes and send SMS commands to perform a variety of transactions. The TranzWare Online Algorithmix functionality makes it possible to breakdown any incoming SMS message and convert it into transfer or payment transactions using any predetermined payment methods (fund transfer between cards, mobile phone top-ups or any other simple payments), balance checks or commands to block cards.

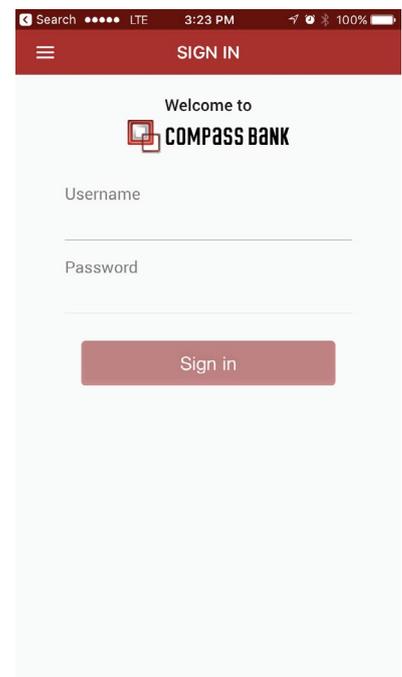
### Internet banking for tablets and smartphones

Compass Plus has adapted TranzWare Internet Banking to display information on the screen of these devices in a more effective way. This version of internet banking (mobile version of a website) offers nearly the complete functionality of TranzWare Internet Banking for a PC. Users can get access to their personalised TranzWare Internet Banking interface in any location within a GSM network supporting data transfers (3G, 4G, etc.).

### Mobile applications for smartphones, and tablets

Although cost-effective and easy to implement, the mobile version of the internet banking website does not have access to a number of the technical capabilities available on smartphones (for example, the camera). Compass Plus, therefore, has also developed specialised, user-friendly mobile applications which allow mobile users access to extensive functionality (including the capability to use features specific to mobile devices). TranzWare Mobile Banking supports applications for both iOS and Android.

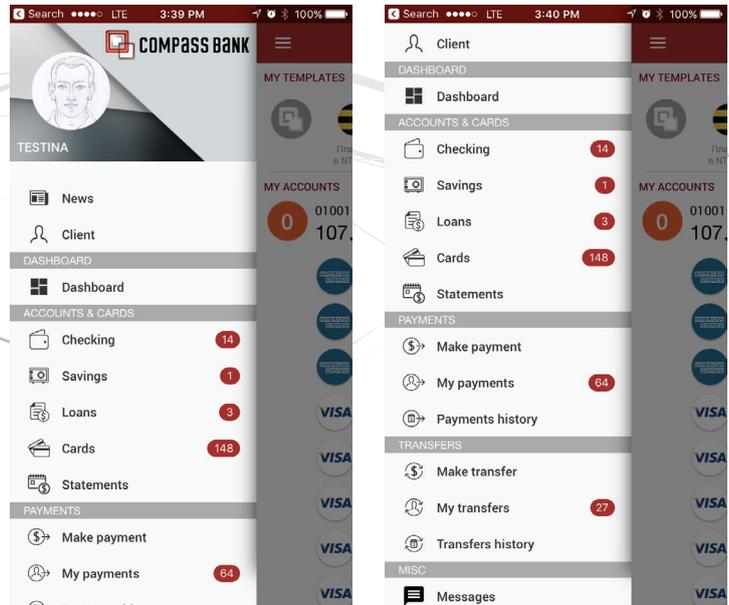
To connect to the TranzWare Mobile Banking server, applications use any available Internet connection encrypted with a 3DES algorithm; it can be 3G/4G or WiFi/WiMAX, which enables access to banking services in any location within a GSM network.



TranzWare Mobile Banking uses the same VTBI protocol as TranzWare Internet Banking for connection with the TranzWare Online server. This makes system management easier (on TranzWare Online no management actions are required to launch TranzWare Mobile Banking), and it provides access to all functions available in TranzWare Internet Banking via a mobile device. TranzWare Mobile Banking utilises the same authentication features of TranzWare Online as TranzWare Internet Banking which saves the user the trouble of remembering different sets of IDs/ passwords and having additional tokens.

The following authentication features are available to the mobile banking users:

- Digital identifier and iPIN
- Text identifier and iPIN
- EMV card
- One-time password delivered via SMS or generated using DPA/CAP technology



## KEY FEATURES AND FUNCTIONALITIES

- User-friendly interface with ability to change settings
- Geolocation to find nearby ATMs
- Access to account list, account details and parameters
- View card list linked to an account and account list linked to a card
- Enhanced account and card statements with graphs and charts
- Ability to change card iPIN, change and add card limits and set up notifications for card operations Instant issuance of virtual card
- View currency exchange rates (official and internal bank rates)
- Receive notifications and correspondence from the bank
- Apply for new banking products and services
- Make transfers between accounts and payments to others (including P2P transfers)
- Create payment templates for frequently performed transactions
- Schedule payments (set payment date or recurring payments to a schedule)



## About Compass Plus

Compass Plus provides comprehensive, fully integrated and flexible payments software and services that help financial institutions and payment service providers meet rapidly changing market demands. Our diverse customer base spans retail banks, processing centres, national switches and personalisation centres in countries across Europe, Asia, Africa, the Middle East, North and South America. With 30 years' experience, Compass Plus helps build and manage all-scale electronic payment systems that generate new revenues and improve profits for its customers.

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