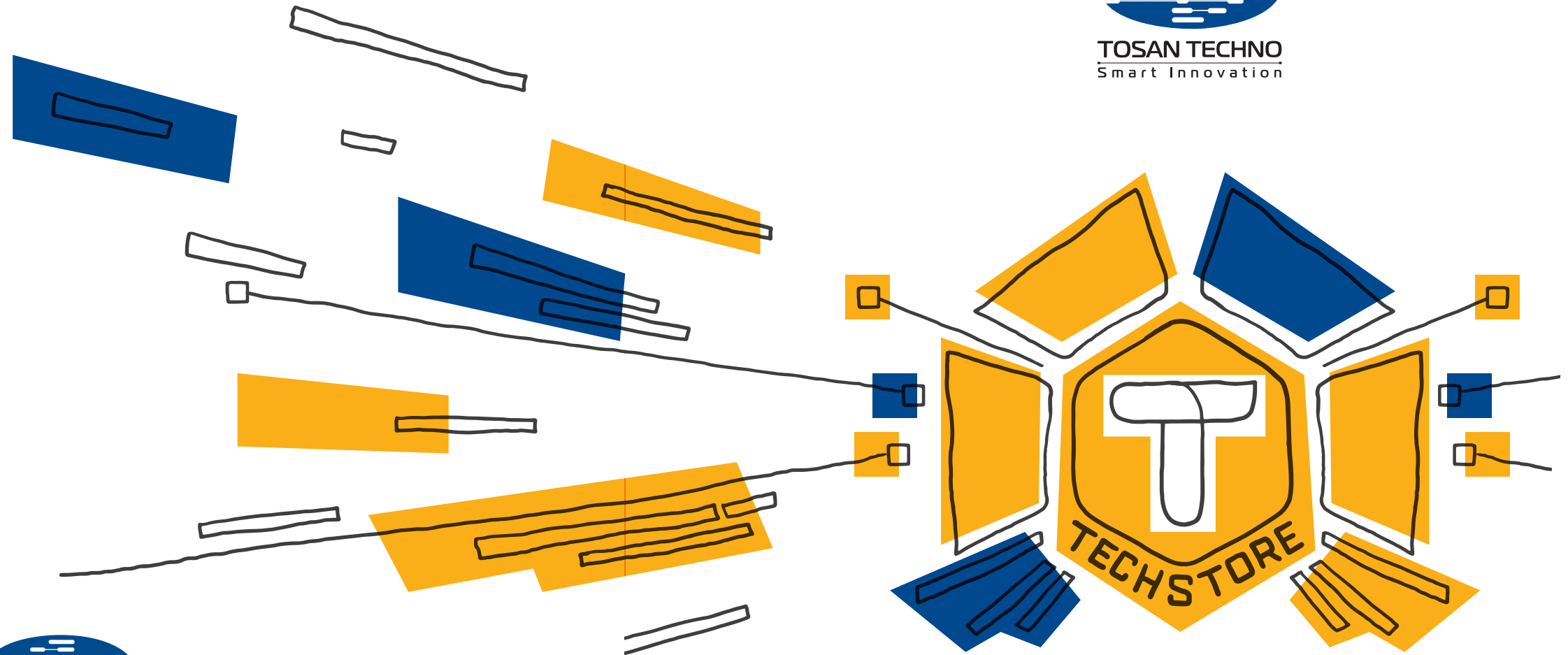TOSAN TECHNO
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TECHSTORE

ELECTRONIC PAYMENT TERMINALS MANAGEMENT PLATFORM | TECHSTORE

The payment industry has always been striving for progress and improvement in quality while reducing costs. The introduction of modern electronic payment terminals, on the one hand, and the entry of support, monitoring, and management systems for electronic payment terminals, on the other hand, has led to an increase in quality level and a reduction in costs for payment service companies in recent years. Today, electronic payment terminals management platforms are considered an important tool in the payment service industry, which will reduce management costs, increase productivity, and provide more supervision over electronic payment terminals. The lack or inadequacy of electronic payment terminal management solutions for a payment service company will result in high costs, such as the cost of human resources for monitoring and inspecting devices, the cost of providing and implementing changes in terminals, repairing devices, and the risk of non-functioning terminal fleets.
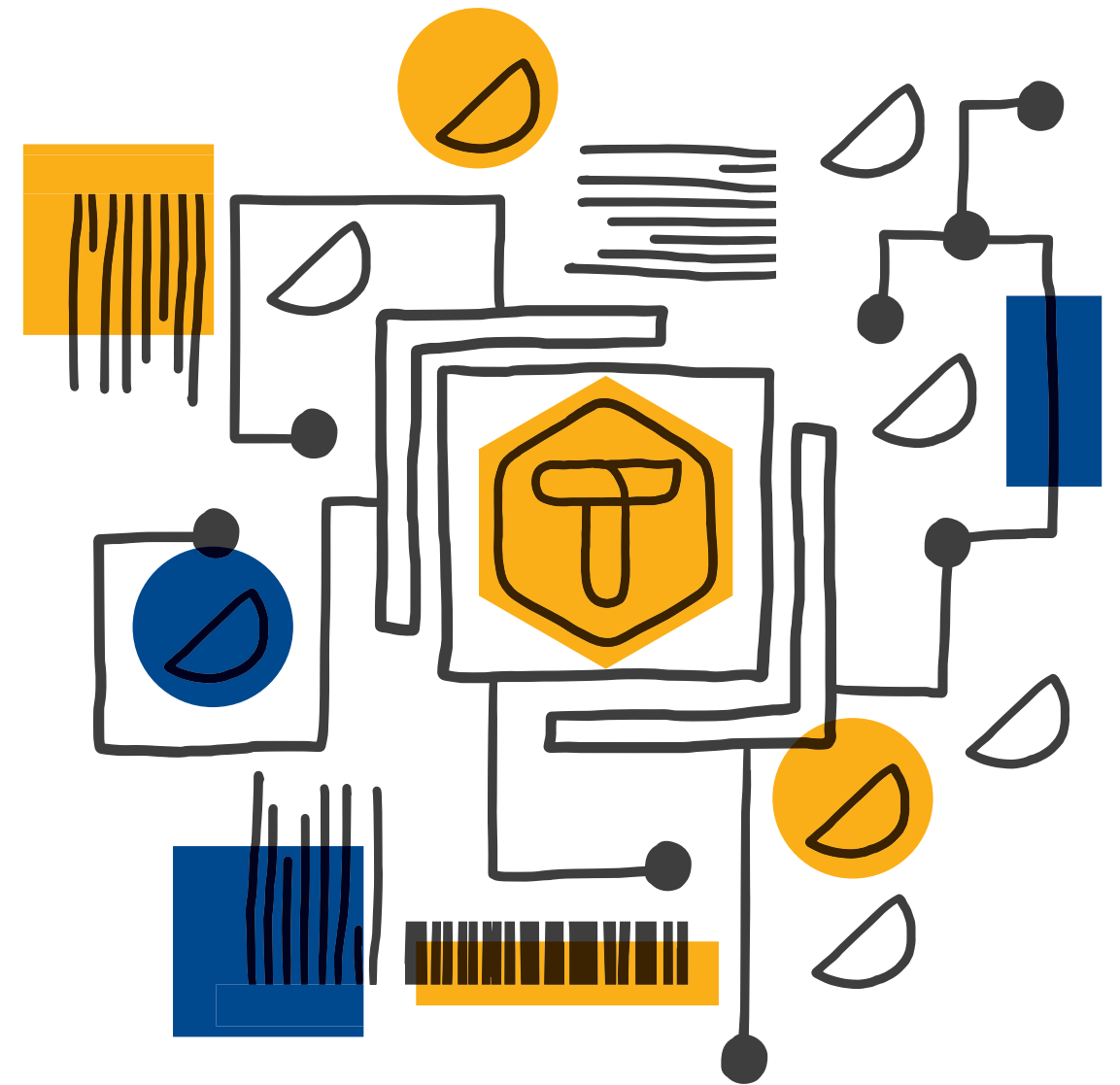
An electronic payment terminals management platform provides:

- Real-time information on terminal performance,
- The ability to manage devices remotely,
- A dedicated Android software market for merchants managed by electronic payment services provider company.

Using TECHSTORE as an electronic payment terminals management platform, payment companies will be able to check:

- The operational status of their electronic payment terminal hardware,
- Monitor the activity status of their devices at any time,
- Update the latest software and Firmware remotely,
- Check devices that have been inactive for a while,
- Trace the latest location of a electronic payment terminal.

Additionally, the most significant advantage is that fleet owners can have their own Android software market. By providing various software to card reader owners, they can improve the quality of their services and create new revenue streams.

Roles and Services

■ Real-time monitoring of electronic payment terminal hardware performance status,

■ Overview of electronic payment terminal fleet status,

■ Remote management and control of electronic payment terminals,

■ Remote software and operating system updates and changes for electronic payment terminals (no need to visit the merchant),

■ Offering various software in the company's Android software market,

■ Possibility of providing limited remote services and repairs,

■ Remote PUK updates for devices (Remote Key Injection),

■ Access to the latest registered location of each device (if equipped with GPS).

Proposed Values

For End Users:

■ Ability to receive some services without a need for in-person visits,

■ Ability to receive Android software related to their business (such as inventory or accounting management),

■ Ability to access the latest registered location of stolen or lost devices.

For electronic **Payment Service Companies:**

■ Increased data supervision over electronic payment terminal fleets,

■ Reduction of electronic payment terminal update costs through remote updating,

■ Ability to categorise different electronic payment terminals and update software for different categories,

■ Increased usability of Android electronic payment terminals for customers by adding auxiliary service software to these devices,

■ Adding various value-added services to the company's product portfolio (through software and service sales),

■ Delegating branch activities to branch managers in each region and province.

Solution Features

■ Monitoring the conditions of different hardware components of various electronic payment terminals and instantly detecting problems,

■ Providing a dashboard of overall fleet conditions for payment service companies,

■ Ability to remotely manage Android devices using provided SDKs,

■ Ability to provide an Android software market for each company based on their needs,

■ Ability to define different users with different access levels in the system panels,

■ Ability to define third-party developers for publishing payment software in the market,

■ Ability to define custom workflows for software distribution,

■ Ability to define different versions of payment software and Firmware for each terminal and apply custom settings for each,

■ Ability to define different agents and agencies with access to register or manage devices,

■ Ability to remotely change PUKs executed on devices,

■ Ability to restrict merchants from changing software, settings, and electronic payment terminal conditions,

■ Complete management of software provided in the market,

■ Ability to receive reports from inactive devices to investigate their inactivity.