TRANZAXIS

For any organisation involved in electronic payments that want to truly differentiate their business and bring new innovative products and services to market quickly, Compass Plus offers TranzAxis, a SOA-based, open development payments platform. Designed with the philosophy of empowering users to make the system their own, TranzAxis provides the ability to create cutting edge, market-relevant products and services in a single system with significantly reduced time to market. It delivers the benefits of both the 'build' and 'buy' approaches, freeing up an organisation's internal resources and allowing them to focus on differentiating their business, to gain a competitive advantage and increase revenues.

Single platform. The functionality of TranzAxis has been created to cover all aspects of electronic payments processing, including issuing and acquiring on a single platform.

Open development. TranzAxis offers the user a full set of application development tools (builders, designers, editors, debuggers, etc.), as well as a set of specialist components that may be required in implementing a multitude of diverse applications, traditionally only available to the software vendor. Access to these tools provides the user with various ways of customising applications to their specific business requirements.

Single source. Compass Plus designs all products virtually from scratch, without third-party frameworks, and all components used are open source, ensuring full control of its technology and future.

Scalability. TranzAxis offers near-linear scalability, having been designed to process high transaction volumes at peak load.

High availability. TranzAxis is fault-tolerant and offers high availability. This is achieved by utilising modern technology on a number of levels: application server clustering, oracle server clustering and fault-tolerant technologies, distributed service access points, and no single point of failure.
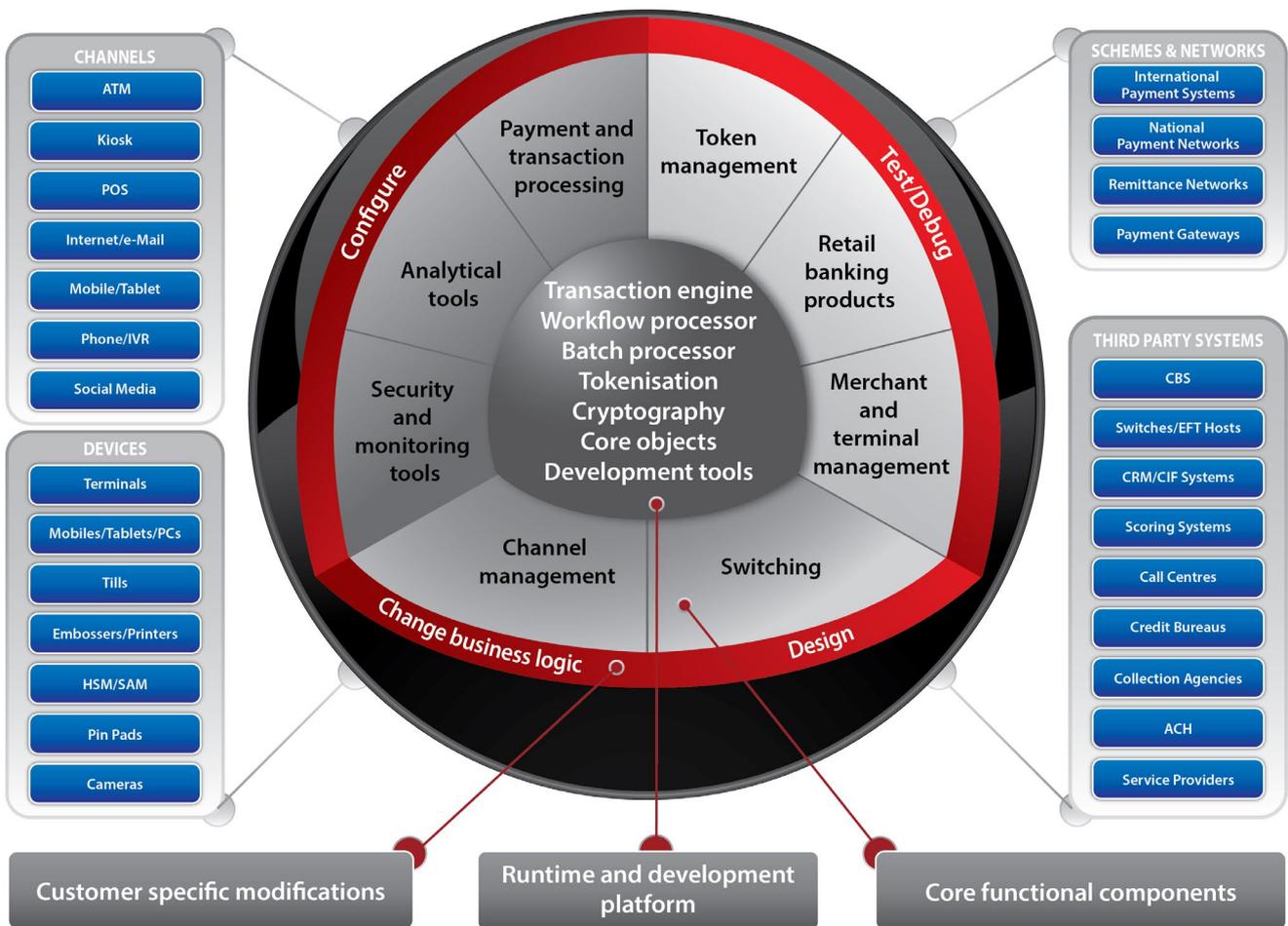
Continuous operation. One of the TranzAxis server architectural features is the native support of continuous application operation, including on-the-fly system updates, i.e. without stopping the system. The updates are automatically delivered to the servers and workstations and put into operation as soon as they are ready.

Reduced vendor lock-in. The ready-to-use system offers the flexibility to enable users to innovate by themselves, without vendor involvement if they so choose, ensuring greater control over their product roadmap.

Strategic fit. Compass Plus offers flexible deployment options (in-house software licenses, outsourced PaaS, managed services) and provides the ability for its customers to move from one model to another as their strategic plans evolve.

TranzAxis can be deployed and configured to meet the payments requirements of any issuer, acquirer, retail bank, payment processor, card program manager, major retailer, etc.

TRANZAXIS
Make it your own

CHANNELS
- ATM
- Kiosk
- POS
- Internet/e-Mail
- Mobile/Tablet
- Phone/IVR
- Social Media

DEVICES
- Terminals
- Mobiles/Tablets/PCs
- Tills
- Embossers/Printers
- HSM/SAM
- Pin Pads
- Cameras

SCHEMES & NETWORKS
- International Payment Systems
- National Payment Networks
- Remittance Networks
- Payment Gateways

THIRD PARTY SYSTEMS
- CBS
- Switches/EFT Hosts
- CRM/CIF Systems
- Scoring Systems
- Call Centres
- Credit Bureaus
- Collection Agencies
- ACH
- Service Providers

(Central wheel diagram)

Configure · Test/Debug · Design · Change business logic

- Payment and transaction processing
- Token management
- Analytical tools
- Retail banking products
- Security and monitoring tools
- Merchant and terminal management
- Channel management
- Switching

Transaction engine
Workflow processor
Batch processor
Tokenisation
Cryptography
Core objects
Development tools

- Customer specific modifications
- Runtime and development platform
- Core functional components

TranzAxis is especially relevant in the following scenarios:

- Targeting new industry sectors, market trends or strategies that would otherwise not be feasible from a commercial and/or functional perspective using incumbent solutions

- Innovative start-up companies initially looking for a turn-key solution, but who require the inherent flexibility to innovate by themselves in the future when they have acquired the requisite in-house skills

- Companies that want to outsource to begin with, but plan to bring the system in-house at a later date in order to enjoy greater strategic control and speed to market

- Organisations consolidating disparate legacy systems and silos together into a single next-generation platform

About TranzAxis

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.