

MOBILE PAYMENTS ROUTING FROM SMART DEVICES

Payment devices have undergone rapid transformation with the advent of smart mobile devices with advanced graphical user interfaces, high resolution displays and with the latest standards to support PIN entry on touch devices enabling of billions of smart mobile devices to become payment terminals or payment devices, for both sending and accepting payments.

Android, iOS, Windows based Smart Mobile devices with user centric payment applications have become the de-facto standard of rapidly growing, high volume, emerging mobile payments across the world. The ability to handle these payment which are typically REST/JSON, HTTPS/JSON, HTTPS/XML and route these payment to the existing Authorization Servers with suitable protocol translation is key to seamless deployment of these payment devices.

NewNet offers payment routing solutions that transport millions of mobile, broadband, web based POS/ATM transactions, m-commerce and e-commerce payments transactions, mobile wallet payments etc., while delivering the fundamental security capabilities needed to enable safe and reliable transport of financial transactions, security verification, and for any data which requires high levels of data encryption over many network types.

Designed with flexibility as one of our core features, NewNet's payment routing, transport and switching solutions for the virtualized infrastructure of STC (Secure Transaction Cloud) or the server based infrastructure of AG1K (AccessGuard 1000) and STG (Total Control STG) systems, route payment transactions from smart mobile devices together with other payments types from Web, IP payments and Wireless/IP POS, ATM payments offering a true omnichannel payment routing solution. NewNet solutions offers rules based payment protocol translations from REST/JSON to match the Authorization Server's message format and multiple intelligent and dynamic routing of transactions to the Authorization Servers with robust load share schemes, along with Secure Key Loading to Smart Devices. Integrated with these functions are core capabilities of load balancing, TLS acceleration, Point- to-Point Encryption, Tokenization for payments that require the highest level of security.



**SECURE
TRANSACTION
CLOUD**

Seamless Omnichannel Payments Routing of Transactions from Mobile Devices to Payment Authorization Servers on common routing platform application handling Web Payments, IP/Wireless POS payments, ATM transactions

- **Payment Routing**
 - Application Routing
 - BIN/NII Routing
 - Protocol Translation
 - ISO 20022, REST/JSON
- **Network Access**
 - TLS Sessions
 - HTTPS Transactions
 - User Access Control
 - LDAP, AAA
 - Load Balancing
- **Data Security**
 - P2PE
 - Tokenization
 - Virtual Crypto Module
 - Key Loading

NEWNET SECURE TRANSACTIONS SYSTEMS TRANSPORT
1 IN 4 PAYMENT TRANSACTIONS WORLDWIDE



NewNet
SECURE PAYMENT TRANSACTIONS