ETDA – OTP - OSPT Workshop

Bangkok, Thailand, June 5th 2013

'CIPURSE Mobile Guideline V1.0'

Dr. Joerg Schmidt

CIPURSE™ Key Benefits for Mobile Applications

- Especially designed for contactless card and NFC-based fare collection systems

- Vendor-independent (all card suppliers can support CIPURSE)

- Technology providers free to add functionality outside the common core (multi-application support)

- All CIPURSE products undergo rigorous certification testing by third-party organization (Keolabs)

- Incorporates advanced security (AES)

- Reader independent: Any compliant ISO/IEC 14443 reader can be used

CIPURSE™ is based on Standards

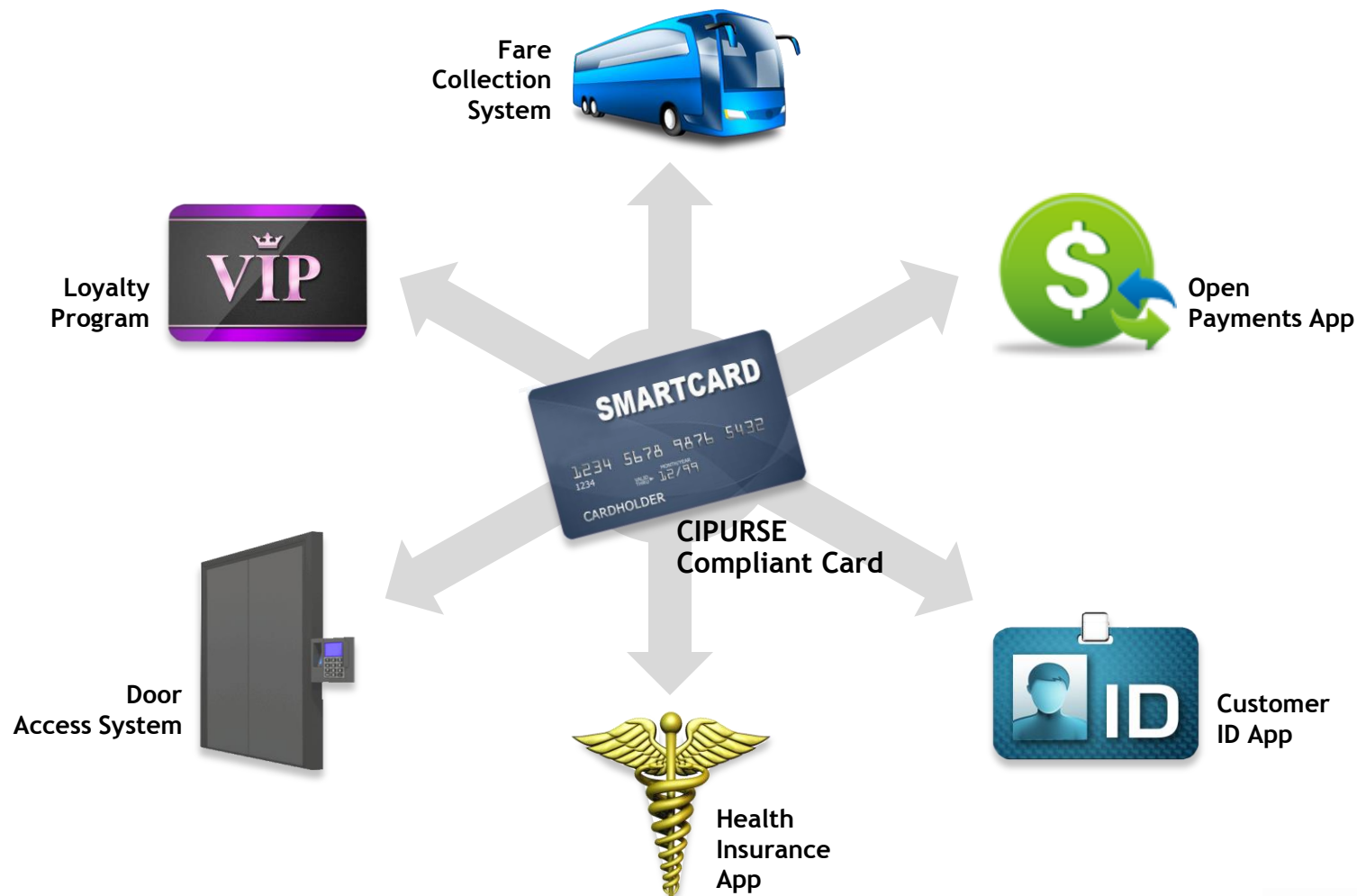CIPURSE is build upon existing, proven and open standards

- ISO 24014:   Interoperable fare management system

- ISO 7816:   Smartcards

- ISO 14443:   Contactless Communication

- AES 128:   FIPS encryption standard

CIPURSE V2 Tickets and Form Factors

One specification - CIPURSE V2 supports all kind of industrial Form Factors of contactless cards and NFC based products as well as ticket types in the same AFC System

CIPURSE V2 Facilitates a Multi-Application Universe

Fare Collection System

Loyalty Program

Open Payments App

SMARTCARD
1234 5678 9876 5432
1234 12/99
CARDHOLDER

CIPURSE Compliant Card

Door Access System

Health Insurance App

Customer ID App

ospt ALLIANCE

CIPURSE™ Mobile at a Glance

Java Card 2.1 or higher and GP 2.2 based CIPURSE Applet

Over-the-Air & Over-the-Internet Support

- Application download
- In field application activation and de-activation
- Lifecycle management

Designed for multi-application support

- CIPURSE, Payment, Access Control, Couponing, Loyalty and others on one Secure Element

Form Factor independent

- Support for all kinds of form factors now and in the future

CIPURSE™ Mobile

Fast and convenient solution to introduce NFC Ticketing

- No CIPURSE Transport system upgrade needed
- No new specification needed (CIPURSE Mobile based on CIPURSE V2)
- Implementation to existing and new NFC Phones via OTA/OTI services
- No need for withdrawal of CIPURSE products from the field to introduce new services
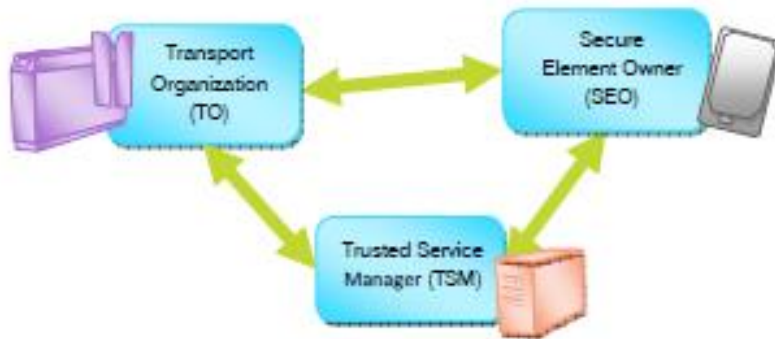
Made to meet customer requests

- CIPURSE Mobile & CIPURSE V2 support all kind of ticket types and form factors to meet various market and customer requirements
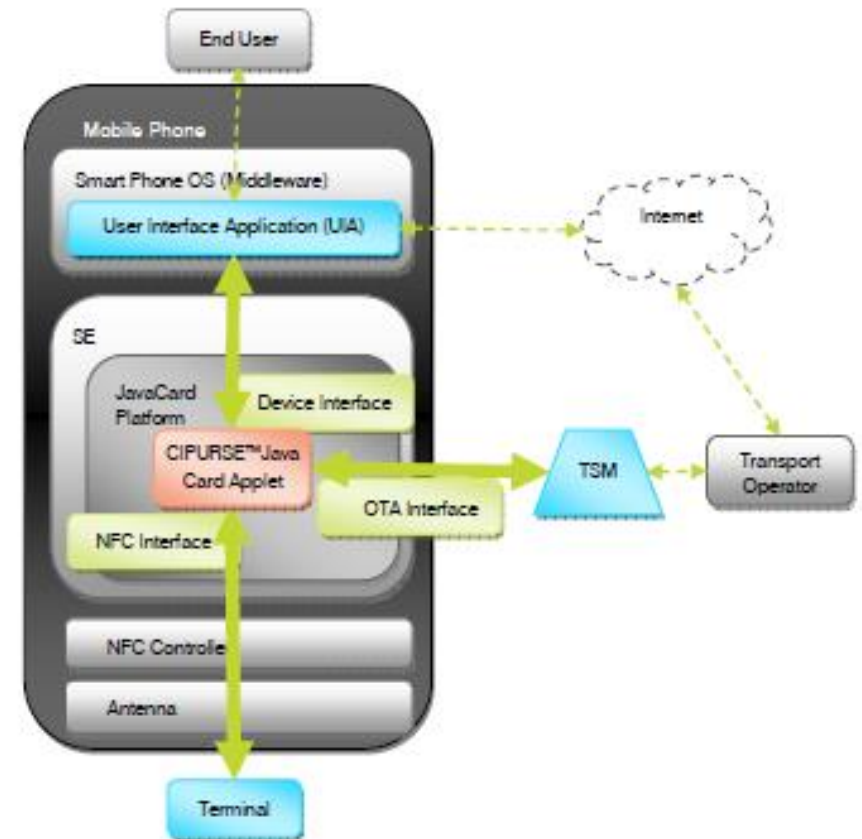
Added Value Services Support to be part of CIPURSE Mobile

- CIPURSE Mobile for Couponing
- CIPURSE Mobile for Access Control
- CIPURSE Mobile for Loyalty

CIPURSE™ Mobile – Ecosystem and Devices
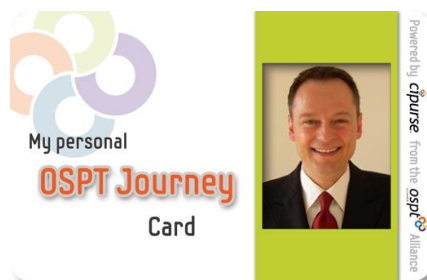

Existing Business Model

Secure Element Independent

Joerg Schmidt– Member of CIPURSE Mobile Working Group

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CIPURSE Mobile is LIVE!

&   = Future of Ticketing

We are ready for the Market!

Joerg Schmidt– Member of CIPURSE Mobile Working Group   BOT- ETDA – OTP - OSPT Workshop

CIPURSE Mobile Guideline
ready for download at

www.osptalliance.org

CIPURSE Market Outlook

"We expect to see CIPURSE deployments start in Europe and then follow in other regions as more cities see the benefit in smarter transportation systems. A broader and more flexible product range will help it to develop like MIFARE."

- John Devlin, Group Director, ABI Research 2012

Join us on:

Thank you

For more information about CIPURSE™, please visit:
www.osptalliance.org