АЛИОТН АЛИОТ

SCONE

JANUARY / 2015

Alexey **Kryukovskiy**, Director, Client and partnerships management, Ph.D.

Inline Technologies Group (ITG): **Structure**

ALIOTH АЛИОТ

Inline Telecom Solutions
Member of INLINE Technologies Group

ITG consulting

INLINE TECHNOLOGIES

ITG
INLINE
Technologies
Group

INPAS
PAYMENT SOLUTIONS

smartlabs
the smart way to your customers

RiD
solutions

PEAK
SYSTEMS

DATALINE
Member of INLINE Technologies Group

Inline Technologies Group (ITG): **Companies**

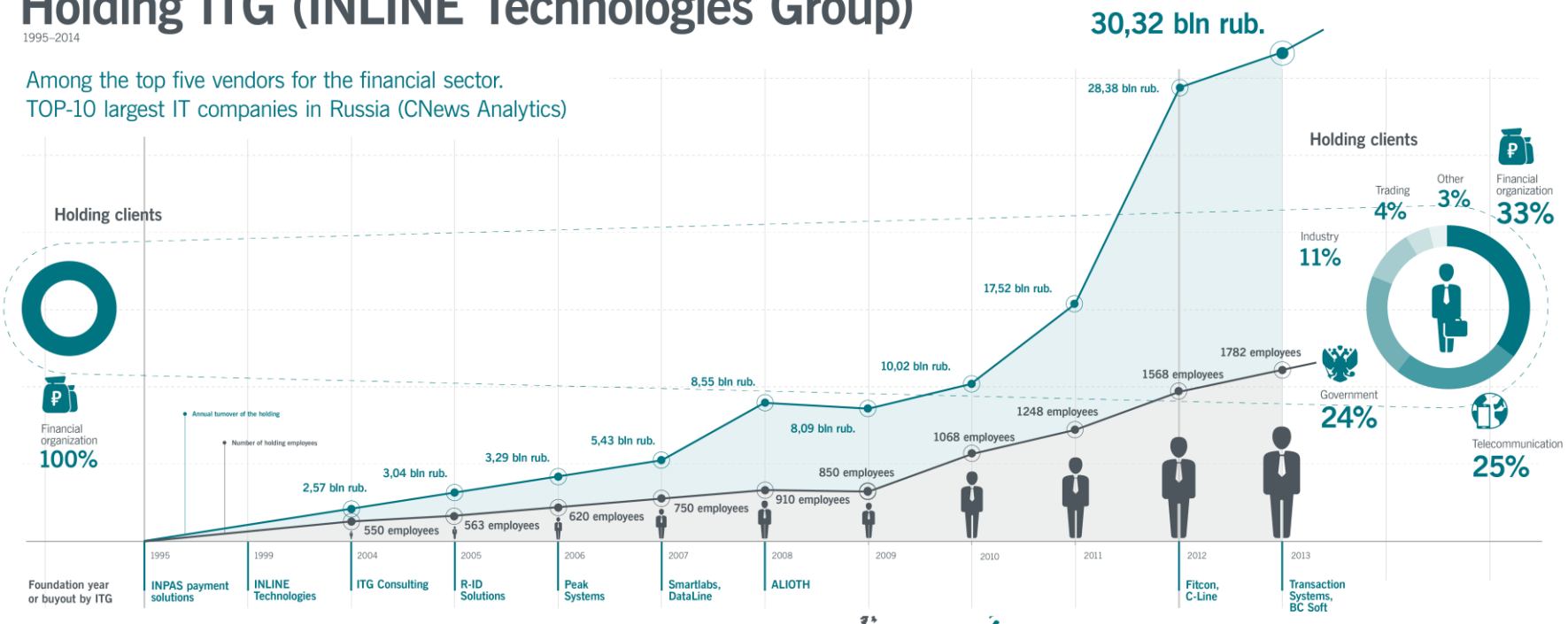
- EMV and ID products developing; cards production, perso, mailing
- Finance and payments solutions
- Smart card info- and payment systems development and implementation
- SCM solutions: storage administration and production
- Mobile and telecom system solutions
- Digital interactive IPTV solutions development
- Data-centers, cloud services, administration and monitoring
- Automation systems and information exchange forming and implementation
- Consulting, implementation/maintenance SAP

Inline Technologies Group (ITG): **Evolution**

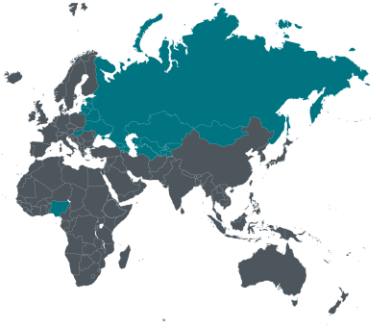
Holding ITG (INLINE Technologies Group)

1995–2014

Among the top five vendors for the financial sector.
TOP-10 largest IT companies in Russia (CNews Analytics)



Holding ITG (INLINE Technologies Group) — horizontally integrated group of companies specializing in information technologies and delivering its products and services to corporate customers in order to increase the efficiency of their operations.



Geographical presence

Azerbaijan	Kazakhstan	Nigeria
Armenia	Kyrgyzstan	Russia
Belorussia	Latvia	Tajikistan
Estonia	Lithuania	Turkmenistan
Georgia	Moldova	Uzbekistan
Hungary	Mongolia	Ukraine

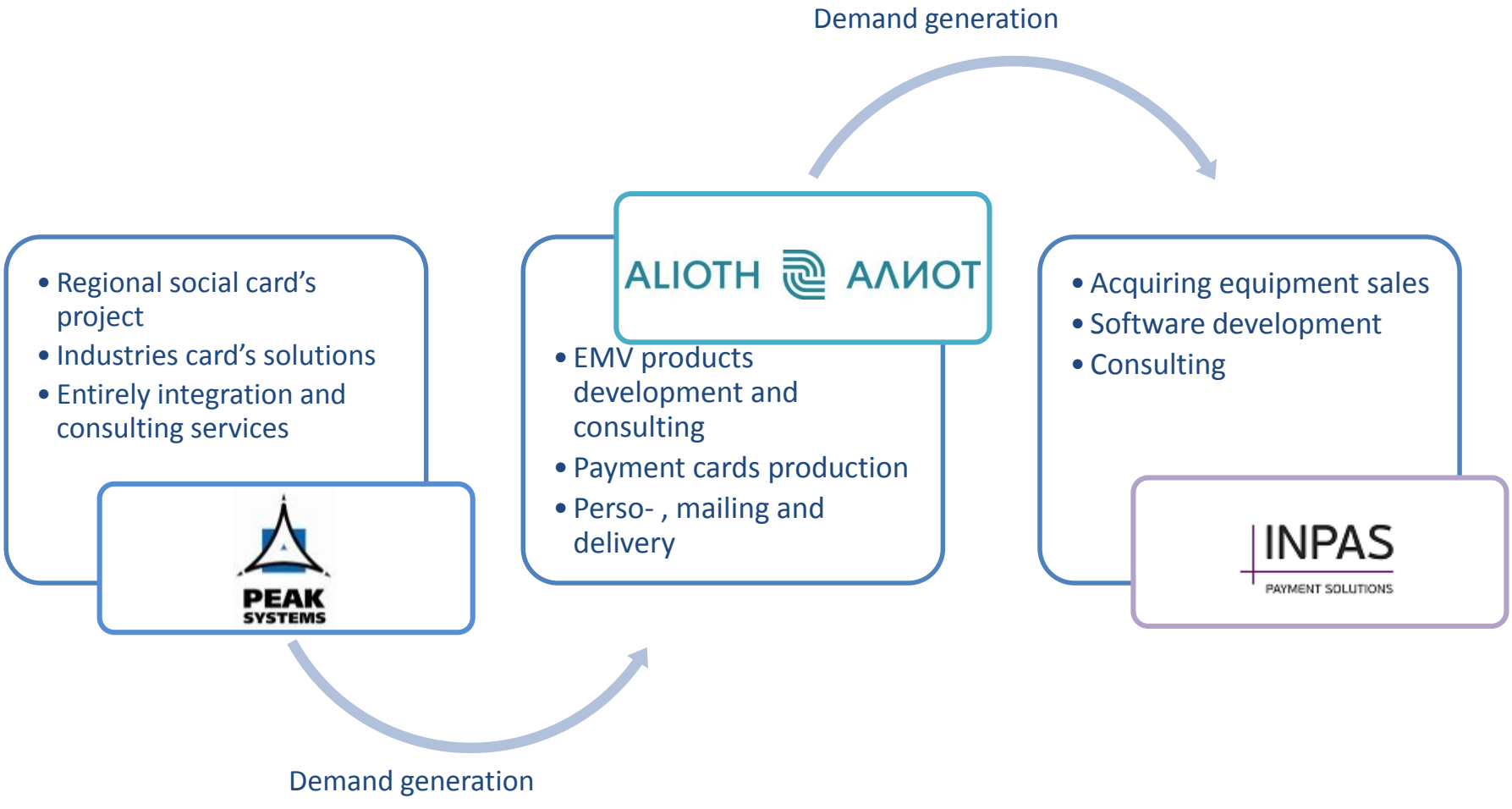
Inline Technologies Group (ITG):

Rating (7th in «Ъ Деньги»: Largest IT companies in Russia, Apr 2014)

Позиция в рейтинге	Компания (группа компаний)	Основные виды деятельности	Индекс, характери-зующий масштаб бизнеса	Рост в 2013 году по сравнению с 2012 годом (%)	Рост в 2012 году по сравнению с 2011 годом (%)
1.	НКК	Многопрофильный холдинг	986,4	1,2	33,0
2.	Ланит	Многопрофильный холдинг	578,3	10,8	—
3.	ГК Техносерв	Системная интеграция	285,2	-8,7	6,9
4.	Энвижн Груп	Системная интеграция	282,7	-38,8	203,1
5.	СофтЛайн Трейд	Поставки ПО	254,0	24,8	43,6
6.	IBS	Многопрофильный холдинг	242,8	7,2	10,8
7.	ITG	Системная интеграция	222,2	5,7	—
8.	Крок	Системная интеграция	196,2	-19,7	-11,5
9.	Ай-Теко	Системная интеграция	191,8	5,4	27,2
10.	EPAM Systems	Офшорное программирование, системная интеграция, консалтинг	165,0	31,0	28,8

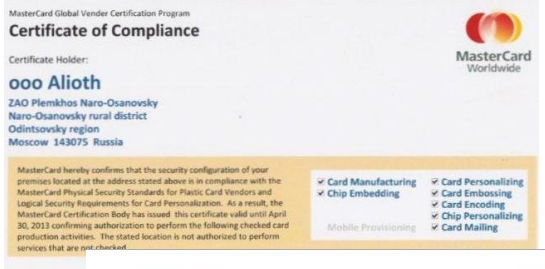
Inline Technologies Group (ITG):

Business-logic of synergetic interaction of the group companies



ALIOTH: technology company – **About, history, certificates**

- ALIOTH is only one founded for payment card production in Russia in 2008 and now is in TOP3 Russian and CIS leaders of the payment card manufacturer (from 2010 listed in “The Nilson Report”
- Full production cycle for the payment cards: from chip modules developing, till the end customer final direct mailing packages with cards
- Up-to-date international and local licenses and certifications package (VISA and MasterCard production and personalization), MasterCard CQM, FSS Russia etc.


MasterCard Global Vender Certification Program

Certificate of Compliance

Certificate Holder:

ooo Alioth

ZAO Plemkhos Naro-Osanovsky
Naro-Osanovsky rural district
Odintsovsky region
Moscow 143075 Russia

MasterCard Worldwide

MasterCard hereby confirms that the security configuration of your premises located at the address stated above is in compliance with the MasterCard Physical Security Standards for Plastic Card Vendors and Logical Security Requirements for Card Personalization. As a result, the MasterCard Certification Body has issued this certificate valid until April 30, 2013 confirming authorization to perform the following checked card production activities. The stated location is not authorized to perform services that are not checked.

- ✓ Card Manufacturing
- ✓ Chip Embedding
- ✓ Card Personalizing
- ✓ Card Embossing
- ✓ Card Encoding
- ✓ Chip Personalizing
- ✓ Card Mailing

Mobile Provisioning

Werner Fischer
On Behalf of MasterCard
MasterCard Worl
2000 Purchase St
Purchase, New Yo

VISA

VISA APPROVED VENDOR

This confirms that the security standards of

Alioth Limited

ZAO Plemkhos "Naro-Osanovsky", Village Sofino, Naro-Osanovsky rural district, Odintsovsky region Moscow 143075 Russia

have been assessed and found to have met the applicable security requirements and guidelines to Visa's satisfaction with regard to the scope of this certificate:

Scope

* CARD MANUFACTURER * MAGNETIC STRIPE PERSONALIZER * IC PERSONALIZER * IC EMBEDDER

STANDARDS: PCI Card Production Physical Security Requirements (May 2013) and PCI Card Production Logical Security Requirements (May 2013).

Further clarification regarding the scope of this certificate and its applicability may be obtained by consulting Visa:

CERTIFICATE NUMBER: 006/15 EXPIRY DATE: 30 September 2015

APPROVED VENDOR PROGRAM
Visa Asia Pacific, Central Europe, Middle East, Africa

01 January 2015
Issue Date

MasterCard Worldwide

CQM – Statement of Quality

2012

Page 1

This is to confirm that

Alioth LLC

Having its principal place of business at

Moscow
127521
Russian Federation

has submitted for approval by MasterCard, a number of Products and Services, of the following classes:

•Contact ID-1 Cards
CB: Card Body, ICC: Embedding, ICCP: Personalization.
•Dual Interface ID-1 Cards
CB: Card Body, ICC: Embedding, ICCP: Personalization.
•Contactless-only ID-1 Cards
IC: Integrated Circuit, IL: Inlay Manufacturing, FICC: Lamination of Cards, ICCP: Personalization.

in conformity with MasterCard's quality requirements for smart cards as defined in:
Card Quality Management – Infrastructure Quality Requirements Version 1.SD.
For the products and services identified on the following pages.

January 14th 2012

This Letter is valid until January 14th 2013

For:
MasterCard International
Chip Center of Excellence
Chemin de Veyrens 39A,
Route de Veyrens 39A,
CH-1029 Villars-Sur-Glâne

Arnaud du Chene

Arnaud du Chêné
Chairman of the MasterCard Approval Authority

ZERTIFIKAT ◆ CERTIFICATE ◆ 证书 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Management Service

СЕРТИФИКАТ

Орган по сертификации
общества TÜV SÜD Management Service GmbH
удостоверяет, что предприятие

ALIOTH АЛИОТ

ООО «Алиот»
ул. Октябрьская, д. 72
Россия, 127521, Москва
расположенное по адресу:

ООО «Алиот»
Россия, 143075, Московская область,
Одинцовский район, д. Софьино

в следующей области действия

Производство и персонализация пластиковых карт

внедрило и применяет
систему менеджмента качества.
В результате аудита, № отчёта 70795806
получено подтверждение, что требования

ISO 9001:2008

выполнены. Данный сертификат действителен до 18.07.2015 г.
Регистрационный номер сертификата 12 100 43752 TMS

Москва, 20.07.2012 г.

IAF

QMS-TCA-ZM-07-02

TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Ridlerstraße 65 • 80339 München • Germany

Центр по лицензированию, сертификации и защите государственной тайны ФСБ России

ЛИЦЕНЗИЯ

Настоящая лицензия предоставлена Обществу с ограниченной ответственностью «Алиот» (ООО «Алиот»)

Основной государственный регистрационный номер записи о государственной регистрации юридического лица или индивидуального предпринимателя 1025003712969

Идентификационный номер налогоплательщика 5050057763

Место нахождения и место осуществления лицензируемого вида деятельности 127521, г. Москва, ул. Октябрьская, д. 72, 143075, Московская обл., Одинцовский р-н, Перо-Судаковский с.о., дер. Софьино, ЗАО Пакетно-Перо-Каменский, ООО «Алиот»

Настоящая лицензия предоставлена на срок до «28» декабря 2014 г. на основании решения лицензионного органа от «28» декабря 2009 г. № 8/33/2/4517

Начальник ГЦЗИ

Действие настоящей лицензии продлено на срок до «» декабря 2019 г. на основании решения лицензионного органа от «» декабря 2009 г. №

Начальник ГЦЗИ

Н.Н.Умеренков

М.П.

Н.Н.Умеренков

SCONE

ALIOTH: technology company – **Figures and facts**

- Production capacity is 50M cards per year
- More 200 clients / commercial banks in Russia, CIS, and worldwide
- >250 peoples in production stuff in multishift workflow

Альфа-Банк
СБЕРБАНК
ВТБ24
ГАЗПРОМБАНК
Русский Стандарт Банк
Промсвязьбанк
ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО ХАНТЫ-МАНСИЙСКИЙ БАНК
РОСБАНК
БАНК САНКТ-ПЕТЕРБУРГ
УРАЛСИБ | БАНК
АК БАРС БАНК
БАНК РОССИЯ
МДМ Банк
СвязьБанк
ГЛОБЭКС банк решений
ТРАСТ

ALIOTH: technology company – **Vendors and partners**

Production any MasterCard and Visa payment cards, magstripe and EMV cards, dual interface (PayPass/payWave) and combined cards.

EMV vendors:

SCONE

NXP

SAFRAN Morpho

KONA i KONA international

gemalto

Processing solutions suppliers:

OpenWay

ПРОЦЕССИНГОВАЯ КОМПАНИЯ РУКАРД

Карт Стандарт ГРУППА КОМПАНИЙ ЦФТ

COMPASS PLUS Обогащая традиции новыми технологиями

ALIOTH: technology company – **Personalization**

ALIOTH provides full EMV perso, include packing and mailing services

Our adventures:

- Financial guaranties for terms execution;
- Additional services (storage, packing, sorting, mailing and delivering);
- Redemption banks inhouse perso- equipment;
- Long history cooperation with main Russian and Worldwide EMV processing-/perso- platforms suppliers;
- Personalization of multifunctional cards (payment, crypto, transport, eID, social applications)

ALIOTH: technology company – **Personalization, clients list**

Тинькофф. Кредитные Системы

СОВКОМБАНК

Ренессанс Кредит

Открытие Банк

QIWI БАНК

БАНК САНКТ-ПЕТЕРБУРГ

МТС Банк

iMoneyBank

Запсибкомбанк

Ваш Банк Азиатско-Тихоокеанский Банк

HOME CREDIT

europlan

ЯР•БАНК БАНК ВОСХОДЯЩИХ ВОЗМОЖНОСТЕЙ

ЦФТ ЦЕНТР ФИНАНСОВЫХ ТЕХНОЛОГИЙ

БАНК МЕТРОПОЛЬ

SCONE

ALIOTH: technology company – **Partners list**

KBA
KBA-Metronic GmbH

KOMORI

KURZ

LAUFFER PRESSEN

Mühlbauer
High Tech International

Datacard Group

apollo COLOURS LIMITED

kp klöckner pentaplast

ALIOTH: technology company – **R&D partners**

Own R&D division from April 2013

ALIOTH cooperates:

- Brightsight – Code Review, Security Evaluation, Site Audit
- FIME – MC certifications
- UL – Visa certifications

ALIOTH: technology company

Key projects: dual-interface payment cards PayPass and payWave

Certified for MasterCard PayPass payment cards production from 2013.

(SCOne, **NXP**, Safran Morpho)

Certified for VISA payWave payment cards production from beginning 2014.

(**NXP**)

ALIOTH: technology company

Key projects: SCOne EMV product series

At 2013 ALIOTH proudly announced certified EMV product series – SCOne, multifunctional payment cards:

- SCOne C12 – contact, entry-level;
- SCOne D20 / SCOne D24 – dual-interface, entry-level;
- SCOne D80 – dual-interface, multifunctional.

SCONE

All SCOne products developed for payment cards, with digital signature feature; dual-interface products based on inductive technology (supports embossing without limits), SCOne D24/D80 emulate MIFARE Plus technology, worldwide unique for dual-interface payment cards.

SCOne Characteristics	C12	D20	D24	D80
Interface	Contact	Dual interface inductive technology		
Platform type	Native			
MIFARE emulation	-	MIFARE Classic 1K	MIFARE Plus X 2K	MIFARE Plus X 4K
Available memory (KByte)	12	20	24	80
Secure algorithms	DES/3DES, SHA-1/2,RSA		DES/3DES, SHA-1/2,RSA, ECC	
Payment applications	MChip 4, VIS	MChip 4/PayPass; VIS/PayWave		
Digital signature	CryptoPro CSP compatible application			
Evaluation Assurance Level	CC EAL 5+		CC EAL 6+	
MaterCard and VISA certification	Until 2016	Spring 2015	Spring 2015	

ALIOTH: technology company

SCOne EMV product series evolution

Certified by payment system **already**

ПРО100 MasterCard VISA

Certifying by payment system **in progress**

НСПК® НАЦИОНАЛЬНАЯ СИСТЕМА ПЛАТЕЖНЫХ КАРТ UnionPay 银联 JCB

ALIOTH: technology company

Key projects: new generation social card of Moscow citizens

From 2014 ALIOTH Company produce and personalize new generation social card of Moscow citizens. More than 1.000.000 cards is product already.

New generation social card of Moscow citizens benefits:

- SCOne EMV-based core;
- Dual-interface contactless payment application (PayPass) based on inductive technology by SPS – increase reliability;
- Digital signature supports;
- Laser engraving personalized;
- Support “Troyka” electronic transport ticket.

ALIOTH: technology company – **Key projects: transportation**

At 2013 finalized technological testing and audit ALIOTH manufacturing site for production payment cards with transit application “Troyka”, at the beginning of 2015 will planning the same for “Podorozhnik” cards for Saint-Petersburg transit system.

ALIOTH has advanced production line facilities, secured network, cards production and personalization transit application based on MIFARE Plus.

First projects starts at the beginning of 2015, Kazan’s Transit Card and others will next.

ALIOTH: technology company - **About ALIOTH briefly**

We are part of rapid developing IT professional industry

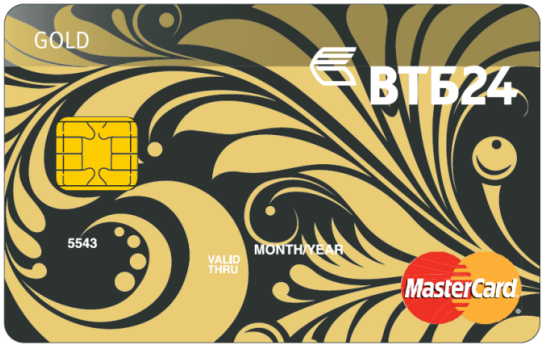
We successful solve any customers issues in EMV cards development and production:

- Concepts and design
- Production technology
- Cards manufacturing
- Personalization and packing
- Logistic

Multifunctional and EMV products developing:

- Payments
- Transport (AFC)
- Loyalty
- Petrol / gas
- Digital signature
- Social applications (medicine, welfares, professional certificates etc.)
- Campus etc.

Thank You for the attention!



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SCONE