

Delivering High Security Electronic Credentials and eServices to Bangladesh



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Everywhere mobility is making the difference, there is OT

OT offers end-to-end solutions



**DIGITAL
IDENTITY**



**SMART
TRANSACTIONS**



**TRANSPORT
& ACCESS CONTROL**



**MACHINE-
TO-MACHINE**



**MOBILE FINANCIAL
SERVICES**



Our strengths



LEADER WITH STRONG
MARKET POSITIONS



GLOBAL SCALE AND
LOCAL PRESENCE



TECHNOLOGICAL
LEADERSHIP



CUSTOMER
INTIMACY



FLEXIBLE
PRODUCTION TOOL

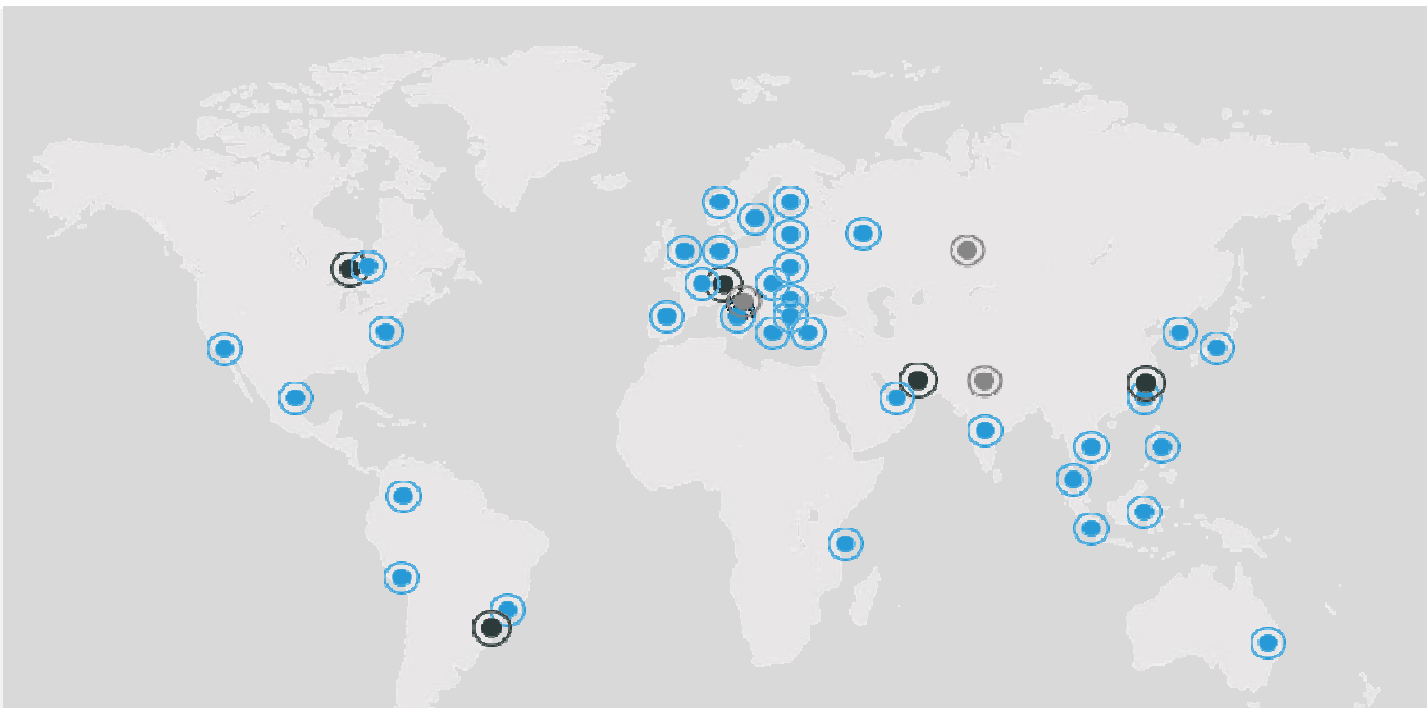


OPERATIONAL
EXCELLENCE



OT, AN AGILE WORLDWIDE LEADER...

- OT manufacturing HUB
- OT manufacturing satellite & partner
- Services Centres



1
manufacturing hub
per region

+1.2Bn
Cards Produced

+6000
Employees

65%
Outside France

700
Engineers

11
R&D centers

500
Patents

+75
Patents filed in 2014

**A system
network**
with
40
service centers



Bangladesh at a glance



- Capital: Dhaka
- Country size: 147,570 km²
- Population: 156 million
- Official languages: Bengali & English
- President : Abdul Hamid
- Prime Minister: Sheikh Hasina



What is Bangladesh eID Project?

US\$102m contract for eID document delivered by OT

- Bangladesh Election Commission (BEC)

Customer



- Equip whole population
- Increase card security
- Offer Services to Citizens

Objective



- 90m NID Cards
- ID Management System
- Perso service

Project Scope



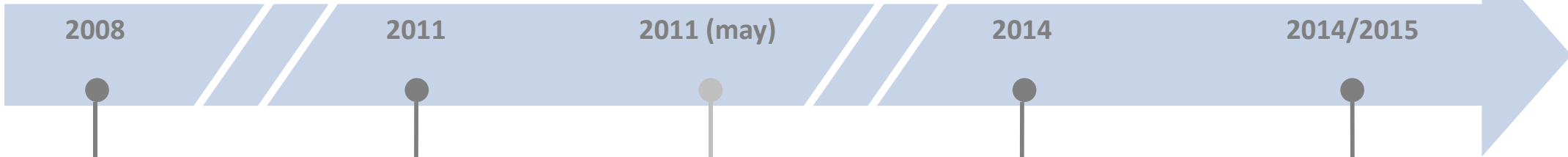
- Oberthur Technologies (prime)
- Tiger IT (local partner)
- World Bank

Stakeholders





Why Bangladesh eID Project?



2008

2011

2011 (may)

2014

2014/2015

General Election of Bangladesh

National ID and voter registration project

Democracy success with 80% voters

Voters card only **paper based document with no security**



Idea rise of creating a secured eID card out of this voter's card

Election Commission got a budget funded by the World Bank

Budget approved in may 2011 for 195 million US\$



THE WORLD BANK



Bangladesh Election Commission (BEC)

Launch tender in April 2014

Submission in June 2014



OT got awarded for a total contract of US\$102 million in December 2014

OT has signed with election commission on January 15th



27 May 2015





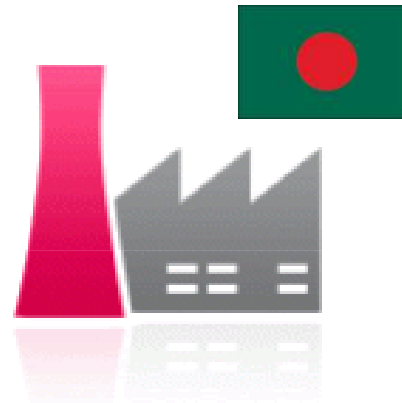
Which requirements & challenges did OT face?



Increase card security & durability



22 months to deliver 90 million card



Cards must be personalized in Dhaka (Bangladesh)



THE WORLD BANK

External project funding: World Bank

How did OT help Bangladesh Election Commission ?

Innovative Product



- Laser-engraved, polycarbonate-based (10 years on the field)
- High security ID card : - > 25 security features meeting international standards

Successful Manufacturing Approach



- 90m NID Cards to produce in 22 months
- 2 Productions sites:
 - Rennes/Vitré (France)
 - Shenzhen (China)

Reliable System & Services



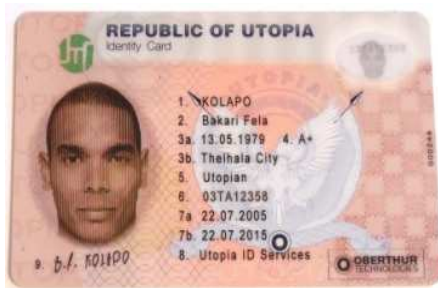
- Turnkey System
 - IDMS system design
 - procurement & delivery
 - develop/integration,...
- Operational Services
 - Project Management
 - Training & Support, ...



Why is OT a Polycarbonate leader?

Innovative Leader

LASINK™



Lasink™: very **first** technological solution

Not forgeable and **easy to authenticate** as such
by **police forces**

allows printing a **color photo** with **laser engraving**
on a card fully made of **polycarbonate**

Renown by Market Experts

Exhibition Cartes 2014

Lasink™ : Sesame Awards for best hardware



*“The **best way** to ensure the perfect mix
between **convenience** and **long-time security**”*

*“**Laser-engraved color picture** on polycarbonate
is **easy to verify** and **hard to counterfeit**”*

FROST & SULLIVAN
November 2014



What are the benefits of OT solution for Bangladesh? For Governments & Citizens



Increase Security

Robust (Polycarbonate)

Embedded **Integrated Circuits**
make difficult for miscreants
to tamper the card

Ability for police to use **smart card**
server to identify any criminal



Improve Services

Ensure accountability

in taking public and private services

Establish good governance

through enhancing e-governance

Smart NIDs is also a platform, enabling
to check other documents authenticity
including driving licenses, passport, ...

Key Success for Bangladesh, OT and the World Bank



Worldwide Communication

The Daily Star

Smart Insights

RECONNAISSANCE
**ID & SECURE
DOCUMENT NEWS™**

Dhaka Tribune



Security
Document
World.com

NEWAGE
THE OUTSPOKEN DAILY





oberthur

TECHNOLOGIES

THE M COMPANY