OPPORTUNITY ARMENIA: CONNECTIVITY

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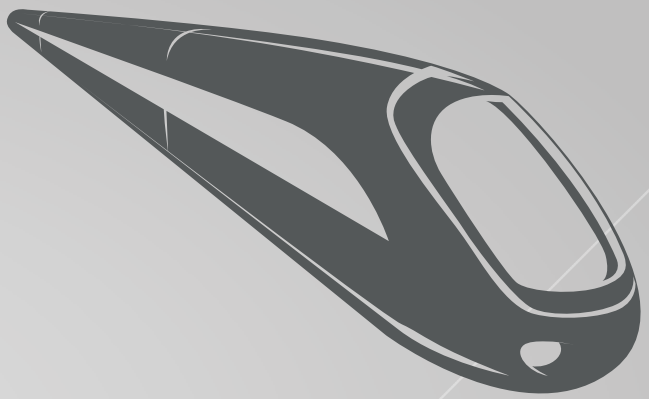
Vice Minister, Ministry of Transport, Communication and IT

SECTOR OVERVIEW

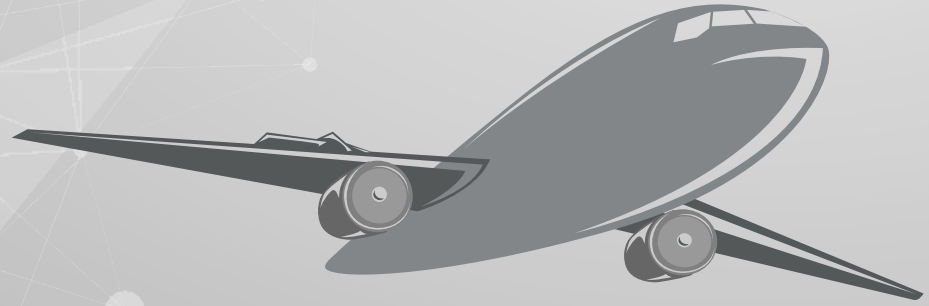
CONNECTIVITY:
YOUR EMERGING
TRANSIT PARTNER

SECTOR INCLUDES FOLLOWING SUBSECTORS:

Road transport
Committed upgrade of routes



Railroad transport
Strategic link with Gulf Area



Air transport
Open sky policy

Communication
Internet to Middle East

SECTOR OVERVIEW

EXISTING ROAD NETWORK IMPROVED TO **CONNECT PERSIAN GULF WITH BLACK SEA**

- Shortest road from Persian Gulf to Europe
- Highly competitive multimodal transportation route (road-railroad-sea) from Iran to Europe by existing infrastructure
- ~1,760 km interstate roads

NORTH SOUTH HIGHWAY

- North South Highway is under construction
- International quality high speed freeway to connect South to North
- Total length – 470 km
- Connecting Bandar Abbas (Iran) with Poti and Batumi (Georgia)

CONNECTIVITY:
YOUR EMERGING TRANSIT PARTNER

SECTOR OVERVIEW

EXISTING RAILROAD NETWORK WILL BE CONNECTED TO INTERNATIONAL NORTH-SOUTH TRANSPORT CORRIDOR

- Iran-Armenia Railway will link Black Sea and the Persian Gulf
- Total length is 305 km
- 84 bridges + 60 tunnels

- Around 1,330 km of existing railroads, from which main lines are 780 km

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YOUR EMERGING TRANSIT PARTNER

SECTOR OVERVIEW

ZVARTNOTS INTERNATIONAL AIRPORT
A POTENTIAL HUB BETWEEN EAST AND WEST

ZVARTNOTS INTERNATIONAL AIRPORT

- Named best airport in CIS by Emerging Markets Airports Award
- The only airport in the Caucasus that corresponds to the rating B
- Capacity of more than 3.5 million passengers annually
- New facilities of the airport with great logistics for cargo
- Second passenger transit terminal under construction

CONNECTIVITY:
YOUR EMERGING
TRANSIT PARTNER

SECTOR OVERVIEW

GLOBALLY COMPETITIVE ICT SECTOR

- 2G / 3G mobile & fixed line telephone coverage is 100%

- Mobile Internet monthly consumption is more than 2Gb per user (higher than in Russia, Italy, Ukraine and Pakistan)

- 4G/LTE is available in large settlements

- LTE 450 MHz network is available, **which is the third network in the world after Finland and Sweden**

- Fix Mobile Convergence (FMC) service share is more than 20%, which is higher than average European indicator

- By 2018 CDMA wireless technology will be available in all settlements

- DVB-T2 standard digital television broadcasting is available

CONNECTIVITY:
YOUR EMERGING
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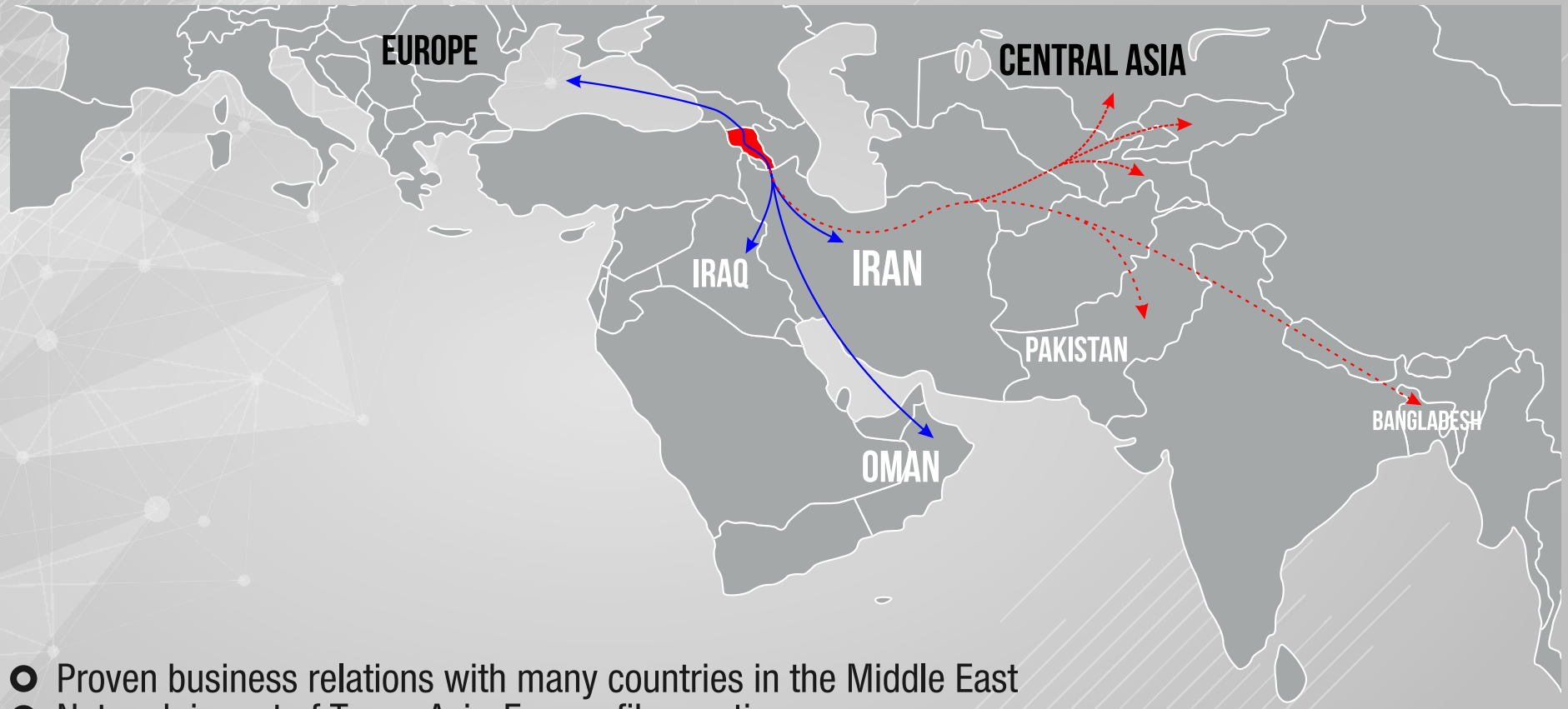
SECTOR OVERVIEW

TRANSIT FIBER-OPTIC COMMUNICATION LINES SUPPLYING INTERNET TO MIDDLE EAST & ASIA



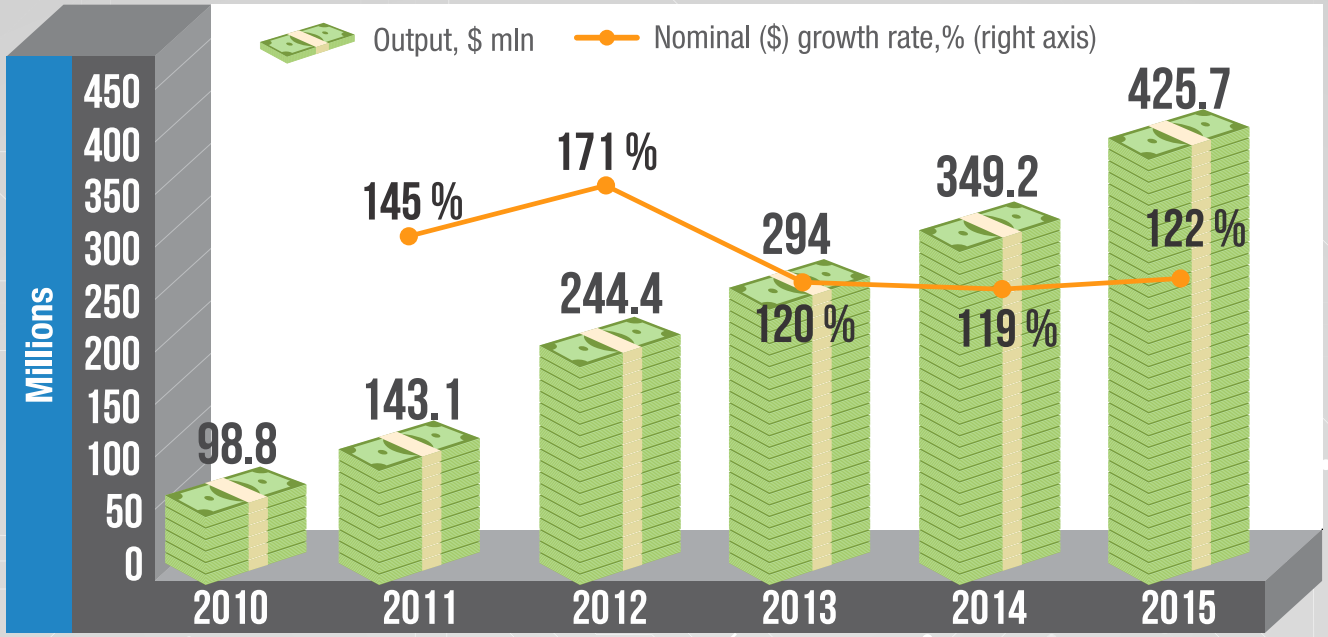
- Proven business relations with many countries in the Middle East
- Network is part of Trans-Asia-Europe fiber-optic
- Network is interconnected with Georgian, Iranian and Turkish networks:
  - Georgia – at 1 TBps
  - Iran/Middle East – at 1 TBps*
  - Turkey – at 40 GBps

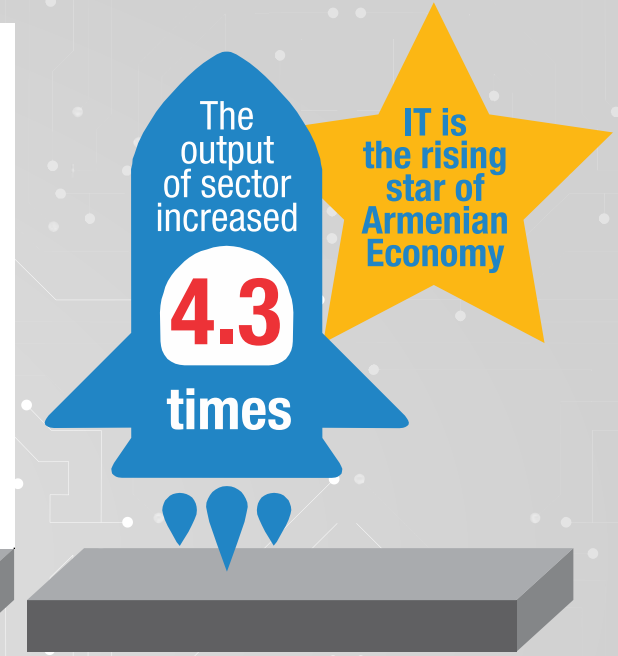
*The alternative connection from Turkey to Iran is only 200 GBps

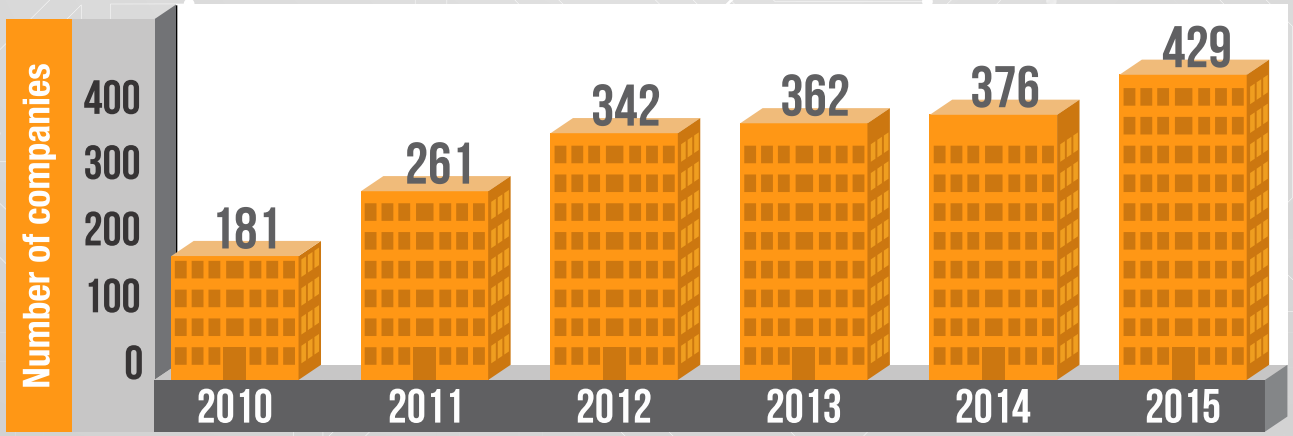
CONNECTIVITY:
YOUR EMERGING
TRANSIT PARTNER

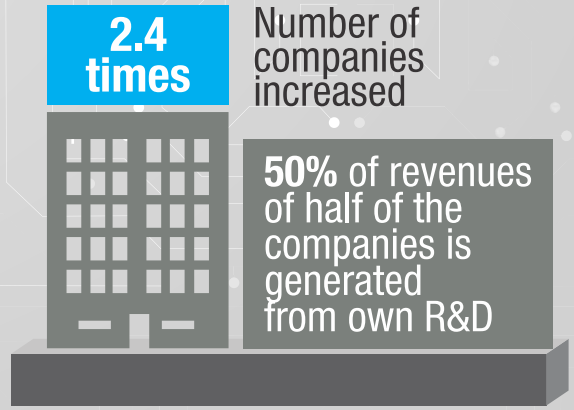
HIGHLIGHTS OF THE SECTOR

ARMENIA- "SILICON VALLEY" OF THE REGION: OUTPUT AND GROWTH OF IT SERVICES









IT AND ADVANCED TECHNOLOGIES:
NEW PERSPECTIVES IN GLOBAL VALUE CHAIN

Moving at the speed of digital

CAGR 33% (2010-2015), fastest in Armenia compared to other sectors

HIGHLIGHTS OF THE SECTOR

IT AND ADVANCED TECHNOLOGIES:
NEW PERSPECTIVES IN GLOBAL VALUE CHAIN

HARDWARE ENGINEERING

SOFTWARE ENGINEERING

SMARTS SYSTMES

MOBILE APPLICATIONS

GAMES, GRAPHICS, AND MULTIMDEIA

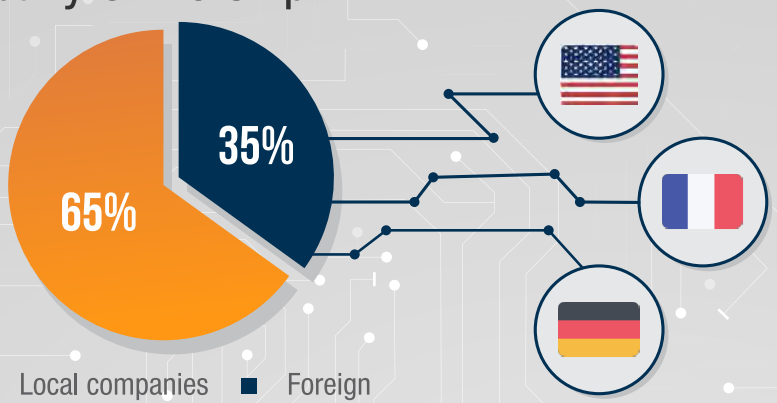
SECURITY SYSTEMS

RESEARCH AND DEVELOPMENT

COMMUNICATIONS CONTENT AND INFRASTRUCTURE

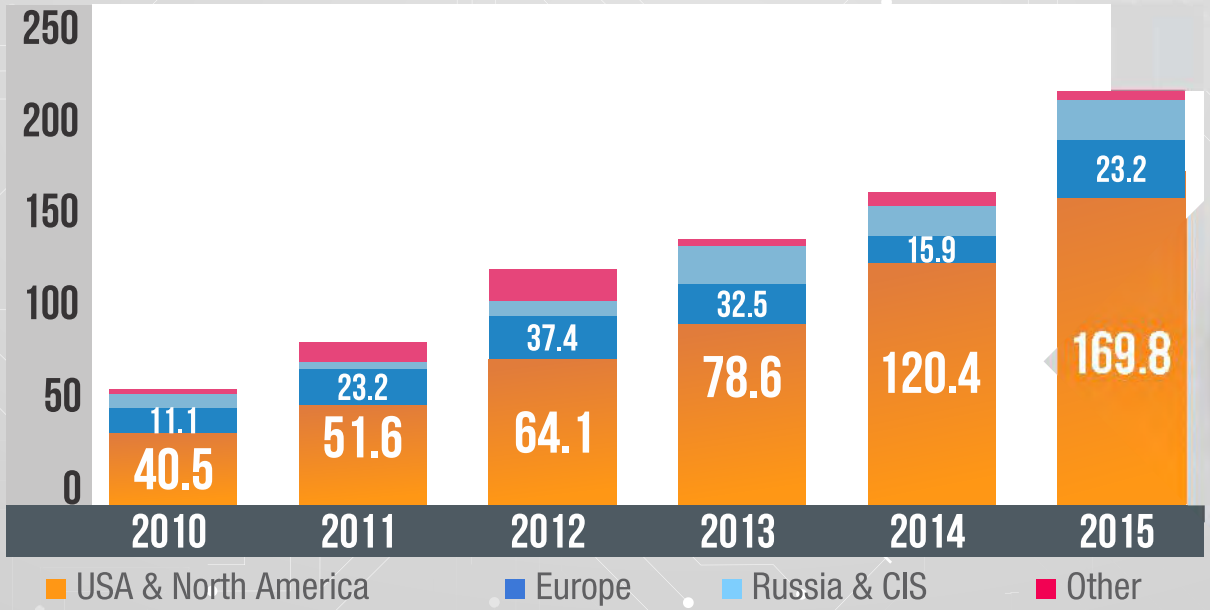
HIGHLIGHTS OF THE SECTOR

Company Ownership



Armenia is a Preferred place for business for many global players

Export Structure IT ($, mln)



Main export market for Armenian IT companies is USA & Canada, with highest share of this market **- 79% in 2015**

Armenian IT sector insources services from all over the world

Big innovation powerhouse

IT AND ADVANCED TECHNOLOGIES: NEW PERSPECTIVES IN GLOBAL VALUE CHAIN

HIGHLIGHTS OF THE SECTOR

PREFERRED DESTINATION FOR MULTINATIONALS, SUCCESSFUL INVESTMENTS & ACQUISITIONS

SYNOPSYS®
CISCO™
ORACLE®
MEMOIR SYSTEMS
GFI®
NATIONAL INSTRUMENTS™
monitis a TeamViewer Company
Mentor Graphics®
Microsoft
vmware™
LIVE LOOK ORACLE®
IBM®

Catering R&D needs of the large corporations with our innovative and creative workforce

IT AND ADVANCED TECHNOLOGIES:
NEW PERSPECTIVES IN GLOBAL VALUE CHAIN

HIGHLIGHTS OF THE SECTOR

PicsArt - with **75 million** monthly active users and **300 million** installs, PicsArt was named one of the top 5 "**Hottest Startups of 2015**" by Forbes and Google Play ranked PicsArt as one of the "Best Apps of 2015"

SoloLearn - More than **9mln online** learners worldwide, among 10 hottest Bay Area startups with under $10M in funding

Joomag - distributing, tracking and monetizing publications online to more than **300,000** worldwide publishers

Shadowmatic - Apple Design Award of 2015

Teamable - The smarter employee referral engine chosen by more than 100 top companies including Twitter, Lyft, Uber and Stripe

Codefights - Uses coding battles platform to help its users improve their skills as well as find new job opportunities. Codefights helps top tech companies like Uber, Dropbox, Asana to assess and discover great engineering talent

Presenting to the world with MADE IN ARMENIA brand

THANK YOU