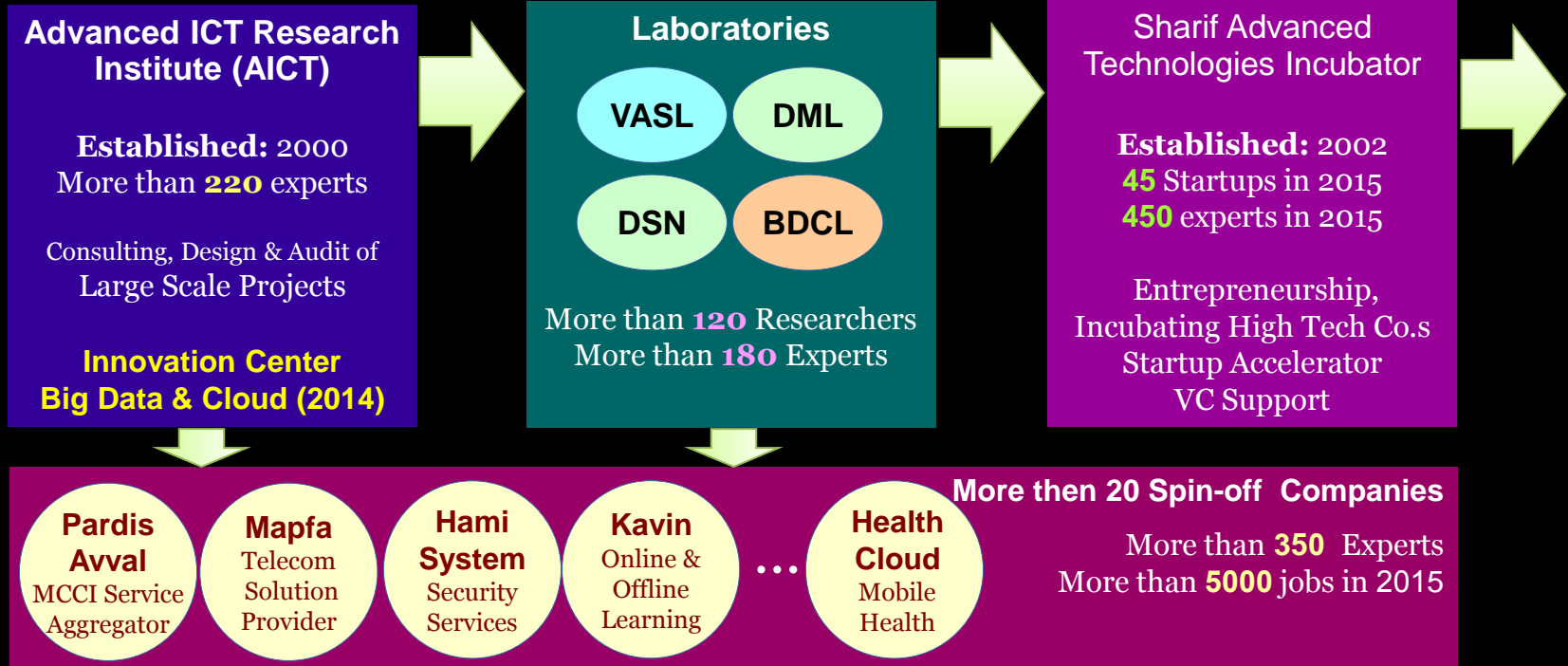




Sharif University of Technology
ICT-Eco-System
ICT Innovation Center, Nov. 24, 2016

www.sharif.edu

Sharif ICT Eco-System



ICTIC: Scientific Committee & Faculty Members

Our Human Resources:
Some of the Best Scientists,
Engineers and Experts
From The Best Universities
in The World



Graduates from:

UC Berkeley
UCLA, UC-Davis
Stanford
USC, Purdue
UBC, Waterloo
EPFL, SUT, AUT, UT

Worked in:
AT&T Bell Labs
Intel
EMC
AMD
Google

Cooperation with International Co.s:

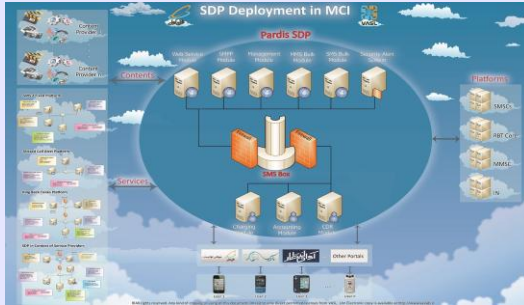
GTD
Morpho
Safran
InNews

Cooperation with International Research Centers:

Max Planck Inst
TUV- Software Inst
RISE-Software Inst
SBA-Security CE

Selected Projects & Products

Pardis-SDP & Service GW **Innovative Design** **High Performance** **Extremely Reliable**



VAS Gateway
operating @
120,000 MPS

Managing
More than
1B Messages
Per Day

VAS Sales
More than
500M USD
annually

Serving
More than
150 VAS Co.
50M
Subscribers

Selected Projects & Products

Pardis-SDP & Service GW

**Next Generation Services:
Multimedia Store
Mobile TV+VoD Portal**



Offers

VoD
Mobile TV
Multimedia Store
Social Network

Supported Media

Music & Video
App
E-book
E-Learning

Channels

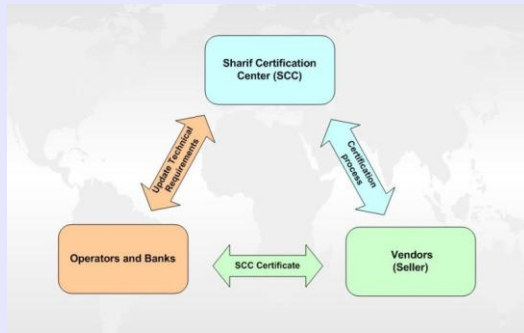
CDN
SMS
USSD

Other Modules

CMS
Payment GW
Multiple Sales Models

Selected Projects & Products

SIM Laboratory
Type Approval Center
Standard SIM Tests
Applet Design



Operational SIM
Approved
80M

International Clients
Gemalto
Oberthur
Sagem-Morpho
G&D ...

VAS Solutions
Such as
OTP
STK Menu

**Developing
& Customizing**
Test tools

Selected Projects & Products

MCI Enterprise Portal
Flexible Enterprise Integration
Optimized Performance
Secure SSO



Unique Users
2M daily

Concurrent Users
100K users

Offers
More than
120 Services

Voucher Sales
More than
500K USD
annually

SIM Sales
More than
2M USD
annually

Sample Spin-off Companies: Pardis Avval

Pardis Avval Co.
Sharif-MCCI Joint Company
MCCI Main Service Aggregator
Established: 2011



**Sharif
Equity Share
35%**

**Subscribers
More than
18M**

**Annual Turnover
\$75M**

**Net Profit
\$5M**

Sample Spin-off Companies: HPDS

HPDS Co.

AICT Spin-off company
Data Storage Systems Provider
Established: 2015



**Sharif
Equity Share
15%**

**Annual Nation
Market: \$500M**

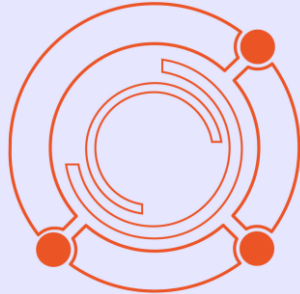


**Expected
Turnover for Next
Three Years:
\$20M**



Sample Spin-off Companies: Pishro Cloud Computing

Pishro Co.
AICT Spin-off company
Cloud Services Provider
Established: 2015



Sharif
Equity Share
15%

❖ **Modern Amazon
AWS Like Services**

❖ **Enterprise Level
Infrastructure**



Sample Spin-off Companies: NAAD

NAAD
AICT Spin-off company
HW/SW Security Solutions
Established: 2015



Solutions for
Financial Org.
Telecom
Health

TPM
Trusted PC
Trusted Sever
Trusted
Communication

HSM
Enterprise
Server
Client

Market Value
in Iran (5 years):
~30 M USD

Selected Projects & Products

New Projects in 2016

AICT Research Institute
Innovation Center



M-Government
Planning,
Platform Design
&
Pilot

Energy
& Water
Management
System
(IoT)

Mobile Games
Platform
MBaaS

Disease
Networks
Nano-Sensors
In Medical
Applications

Sample Recent Publications in Top Journals & Conferences

- 2016/2017
 - IEEE Computer Vision and Pattern Recognition (CVPR)
 - IEEE Transactions on Computers (TC)
 - IEEE Transactions on Very Large Scale Integration Systems (TVLSI)
 - IEEE Transactions on Computer-Aided Design of Integrated Circuits & Systems (TCAD)
 - IEEE Transactions on Circuit and Systems I
 - IEEE/ACM Design, Automation and Test in Europe Conference (DATE)
 - ACM Transactions on Knowledge Discovery from Data
 - International Conference on Field Programmable Logic & Applications

Sample Recent Publications in Top Journals & Conferences

- 2015
 - IEEE Transactions on Dependable and Secure Computing
 - Knowledge and Information Systems
 - IEEE Transactions on Image Processing
 - IEEE Transactions on Geoscience and Remote Sensing
 - IEEE Geoscience and Remote Sensing Letters
 - IEEE Transactions on Very Large Scale Integration Systems (TVLSI)
 - ACM SIGMETRICS
 - IEEE Embedded Systems Letters



“ Thanks For Your Attention ”
ictic@sharif.edu

Hope to see you again in Sharif University of Technology