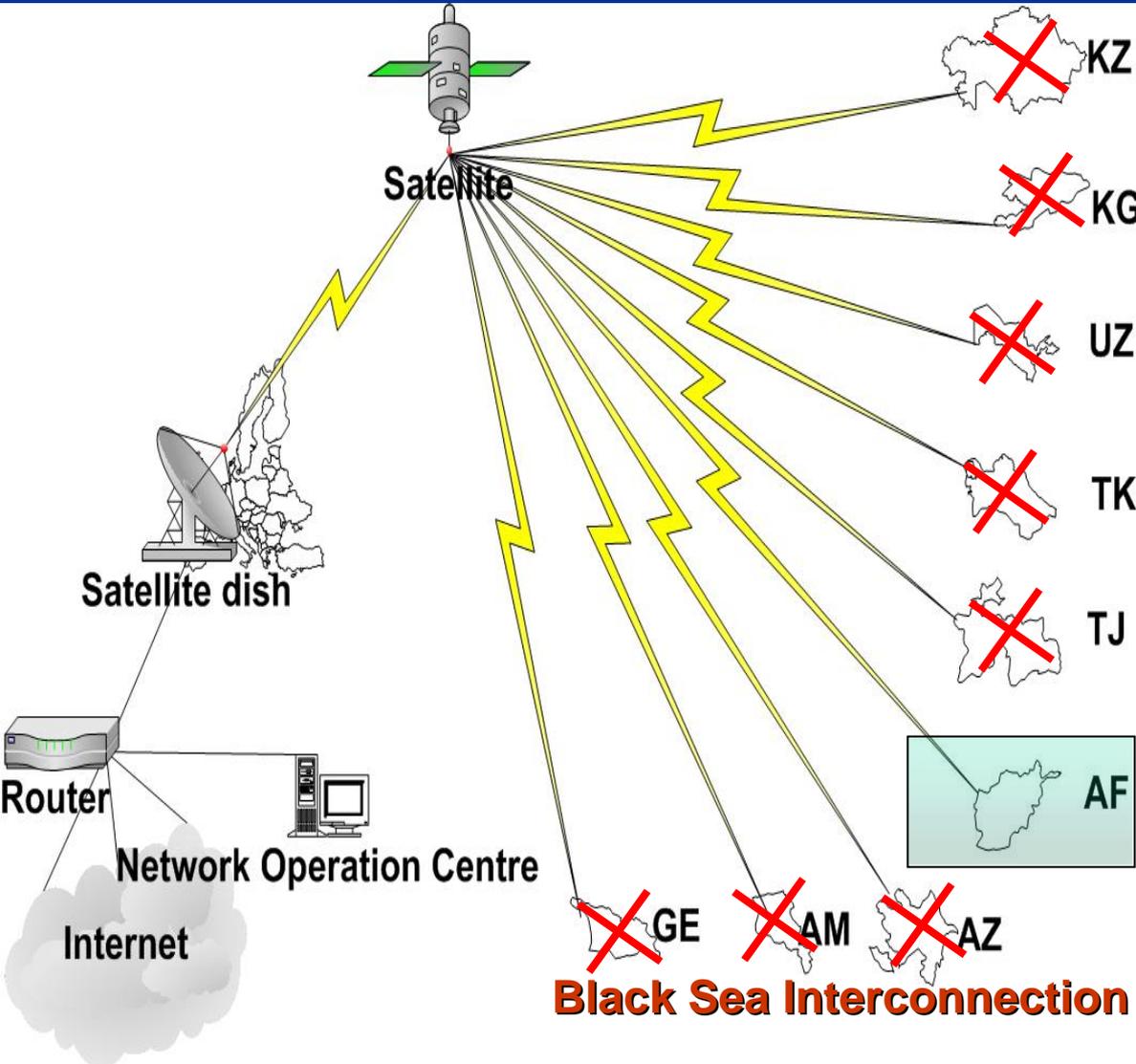




Dr. Walter Kaffenberger
Science for Peace and Security Programme

The Silk Road and related trade routes

The Basis of the Project

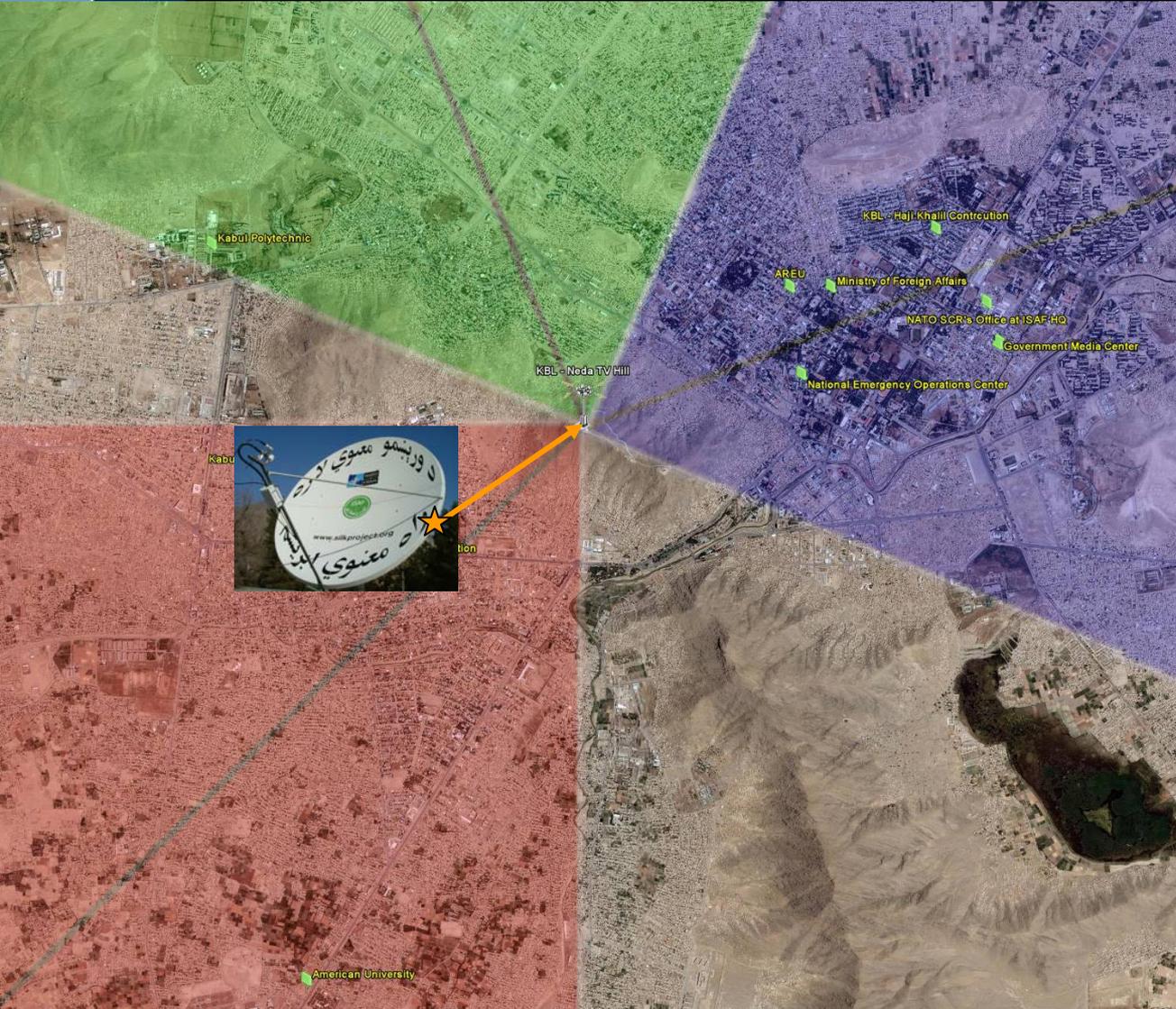


C
A
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N

Dish at Kabul University



Kabul Metropolitan Area Network (MAN)



15 Members of the Kabul MAN over WiMAX:

- Kabul University (NOC)
- Kabul Polytechnic U.
- Kabul Medical U.
- Kabul Educational U.
- American University
- Afg. Res. & Eval. Unit
- Min. of Higher Edu.
- Min. of Foreign Affairs
- Gov. Media & Info. Ctr.
- NATO Sen. Civ. Rep.
- Natl. Military Academy
- Command & Staff Coll.
- Strat. Res. Ctr. of MoD
- Natl. Emerg. Ops. Ctr.
- HEI for Afghan Arts & Architecture

Kabul Government Media & Information Center (GMIC), a 'SILK-2' Node



Kandahar University, a 'SILK-2' Node



Support of TeleComm Infrastructure

Received
22 JAN 2010

APPLICATION FORM – updated September 2008 984213



NATO SCIENCE FOR PEACE AND SECURITY PROGRAMME

NETWORKING INFRASTRUCTURE GRANT

NATO Public Diplomacy Division, Bd. Leopold III, B-1110 Brussels, Belgium
Tel: +32 2 707 4232 - e-mail: science@hq.nato.int

1. Project Title (maximum 10 words):
Network Infrastructure and Hardware implementation for SZU Khost Afghanistan.

Keywords (maximum 15):
Networking, Infrastructure, Afghanistan, Networks, Hardware, Switches, Routers and power house.

2. Project Participants

a. Project Co-Director from NATO country
(Curriculum vitae to be attached) Signature: _____
Surname/Initials/Title
Griffin, S.Z. Chief of party, Afghan eQuality Alliances
Institute Name: 218417
Washington State University
Address: USA
WA 98102
Telephone/Fax/E-mail:
206) 403-6911 (U.S. Mobile), +93 (0) 799-460-703 (Afghanistan, Mobile)
griffinam@wsu.edu, suzannegrif@gmail.com

b. Project Co-Director from Partner country
(Curriculum vitae to be attached) Signature: _____
Surname/Initials/Title 218418
Walizei, G.H. chancellor of SZU Khost AFG
Telephone/Fax/E-mail:
+93700608984 G.H.Walizei@web.de chancellor@szu.edu.af

c. Other Participants:
(Curriculum vitae to be attached)
Surname/Initials/Title
Saay, S. IT Coordinator
Institute Name:
Ministry of Higher Education
Address:
Kabul Afghanistan
Telephone/Fax/E-mail:
0093799398958 salim.saay@mobe.gov.af salimsaay@gmail.com

3. Support requested from NATO (in EUR) 165015

Training of Afghan IT Staff (1)

At University of Groningen/Netherlands;
May/June 2009



Training of Afghan IT Staff (2)

'Graduation Ceremony' w/ Minister Wardak,
June 12, 2009



Expansion into the Provinces = "SILK-Afghanistan"



“SILK-Afghanistan” Facts Sheet

- Duration of Project: 40 months -> April 30, 2013
- Technology: Satellite (NSS12); -> fibre optics
- Initial nodes (9):
 - Kabul U & Kabul GMIC w/ MAN
 - Balkh U (Mazar-e-Sharif)
 - Bamiyan U
 - Herat U
 - Jawzjan U (Sheberghan)
 - Kandahar U
 - Nangarhar U (Jalalabad)
 - Sheikh Zayed U (Khost)
- Additional nodes (4): ?????
- Bandwidth: Increasing to 87 Mbps (total)

The “Package”

“SILK-Afghanistan”, a package consisting of:

- Connectivity +
- Infrastructure Support +
- Capacity building (IT training) +
- Distance Education courses.