



Driving mobility in medical imaging



AGENDA

In this session

Introduction – National Oncology Hospital

Our business needs drove us to mobility

Real Life Demo - How the physicians work

Architecture

Q & A



About us

National Oncology Hospital



**The leading treatment center for diagnostics
and complex treatment of oncology patients.**

- Founded in: 1957
- Hospital beds: 242
- Departments: 22
- Physicians: 120
- Patients 2014: 34 245
- Turnover 2014: €103 M



Our Services

- Tumor diagnostics and specific tumor radiopharmaceuticals
- Radiotherapy & Chemotherapy
- Medical-genetic consultation for patients with family history of breast cancer
- Research and development
- Postgraduate services





Use Case

- Provide fast and secure access to patients data from remote locations and assist review, interpretation and diagnosis
- Share comments and accelerate consultations with other physicians
- Share medical imaging with patients rapidly



Demo





Business benefits

- Improved patient care
- Increased physician awareness via real time collaboration session
- Improved work efficiency

Architecture



Architecture

GUI

Encrypted cache
studies server

Presentation Layer
HTML / JS / CSS

Data Translation Layer
Cordova

Native Layer
Objective-C / C# / Java

CMIS

HTTPS

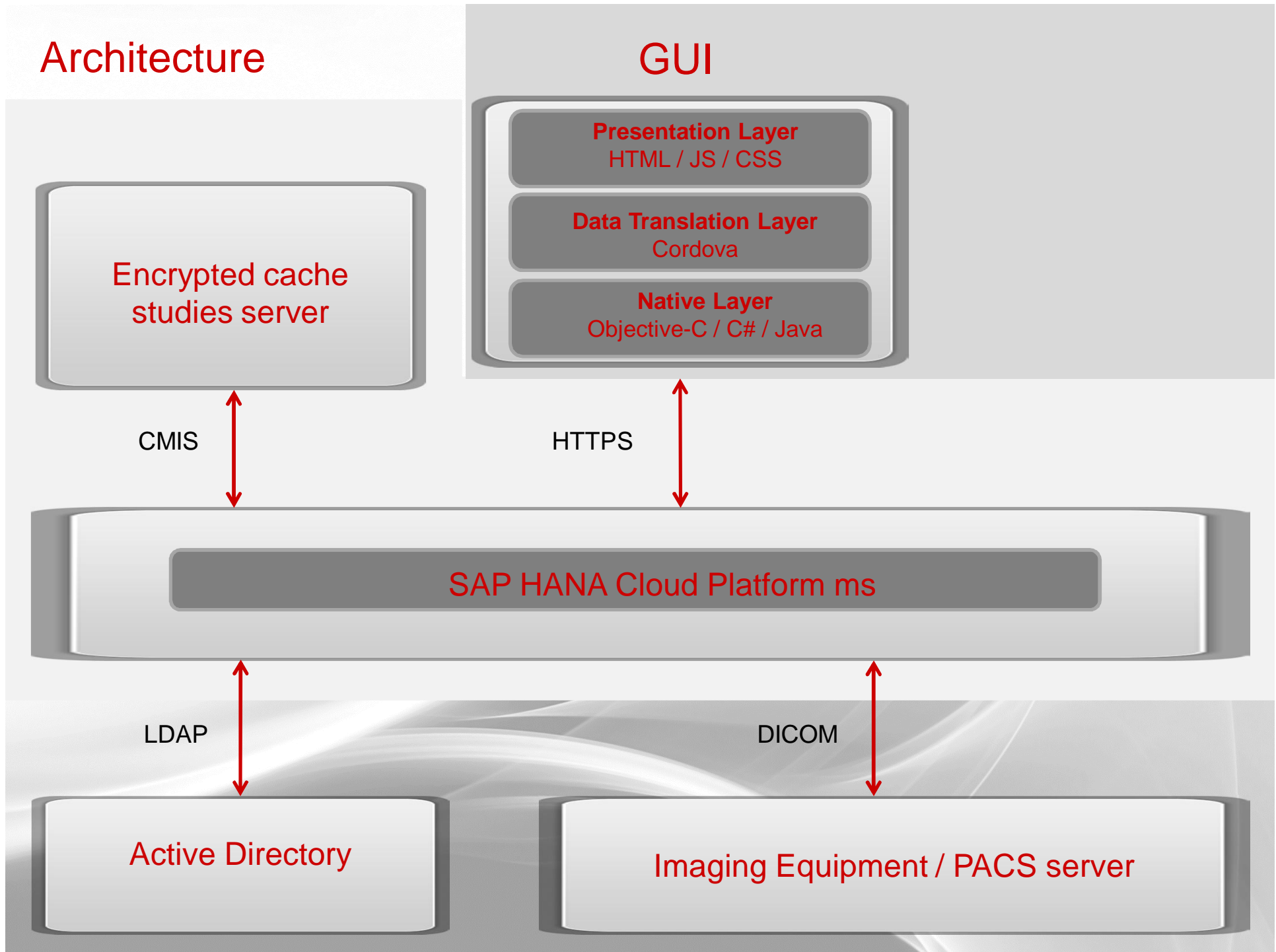
SAP HANA Cloud Platform ms

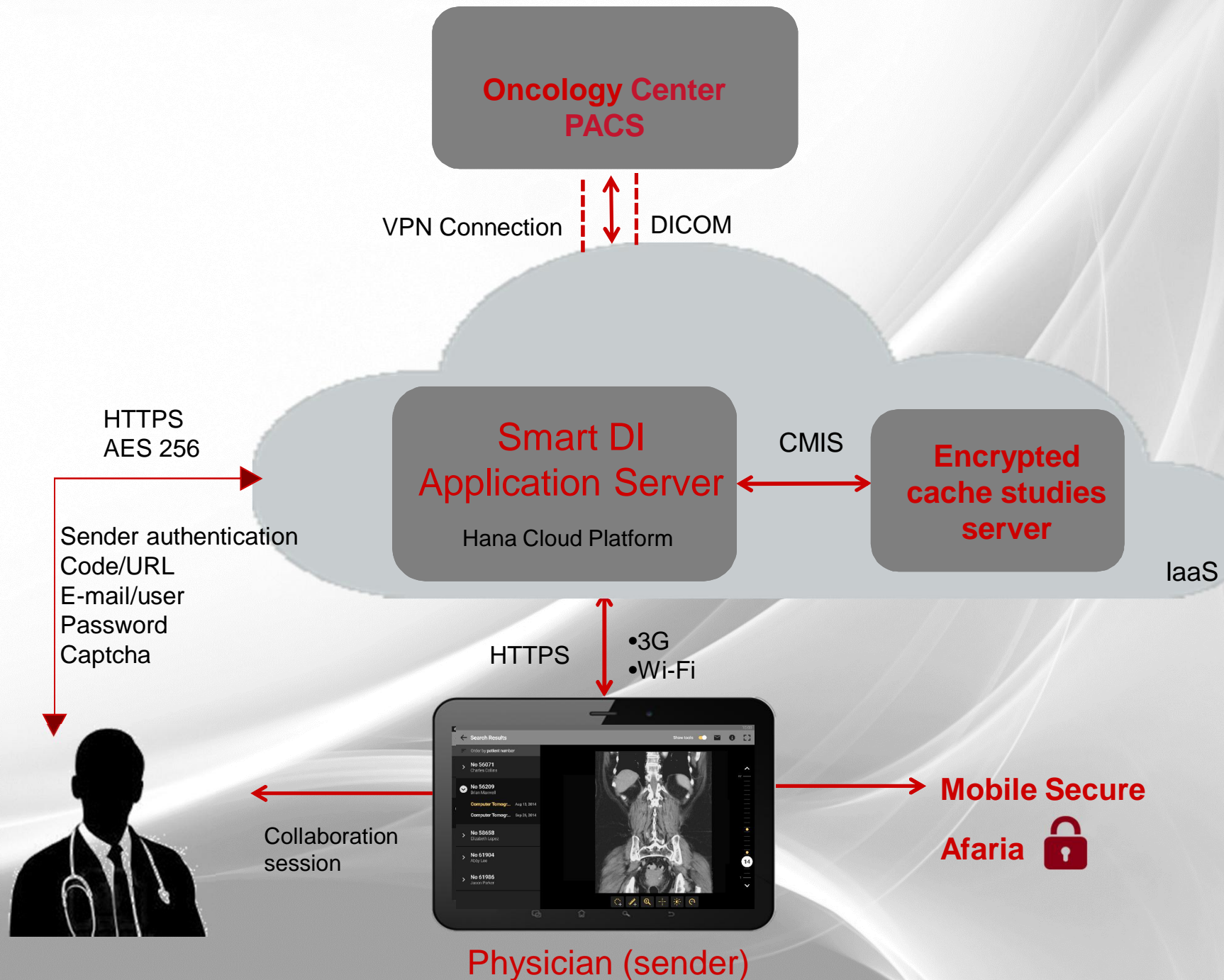
LDAP

DICOM

Active Directory

Imaging Equipment / PACS server







Dipl. eng. Yordan Iliev, CIO
It (at) sbaloncology.bg
NATIONAL ONCOLOGY CENTER
SOFIA, BULGARIA

www.sbaloncology.bg