

ITUEvents

ITU Regional Cybersecurity Forum for Europe and CIS

27-28 February 2020
Sofia, Bulgaria

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ITU Regional Initiative for Europe on enhancing trust and confidence
in the use of ICTs

ITU Regional Initiative for CIS on the development and regulation of
infocommunication infrastructure to make cities and human settlements
inclusive, safe, and resilient

POLICIES &
STRATEGIES

CERTIFICATION
FRAMEWORKS

DATA
PROTECTION

SECURITY
CHALLENGES

5G, eSIM
IoT, AI



Hosted and co-organized by:



REPUBLIC OF BULGARIA
State e-Government Agency



REPUBLIC OF BULGARIA
Ministry of Transport, Information Technology
and Communications





Telco-grade security in the 5G era

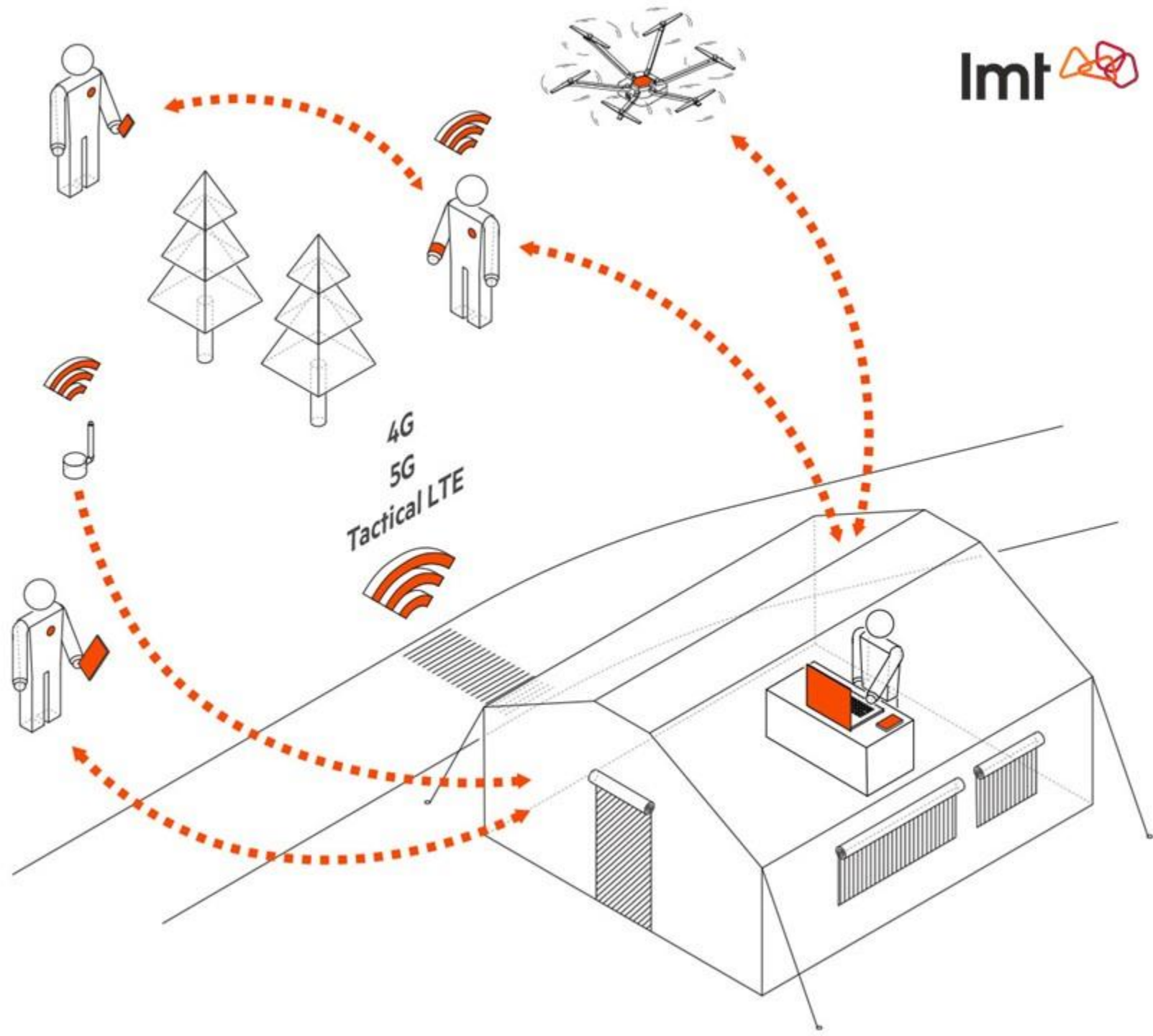
Incidents and good practice

Egons Bušs

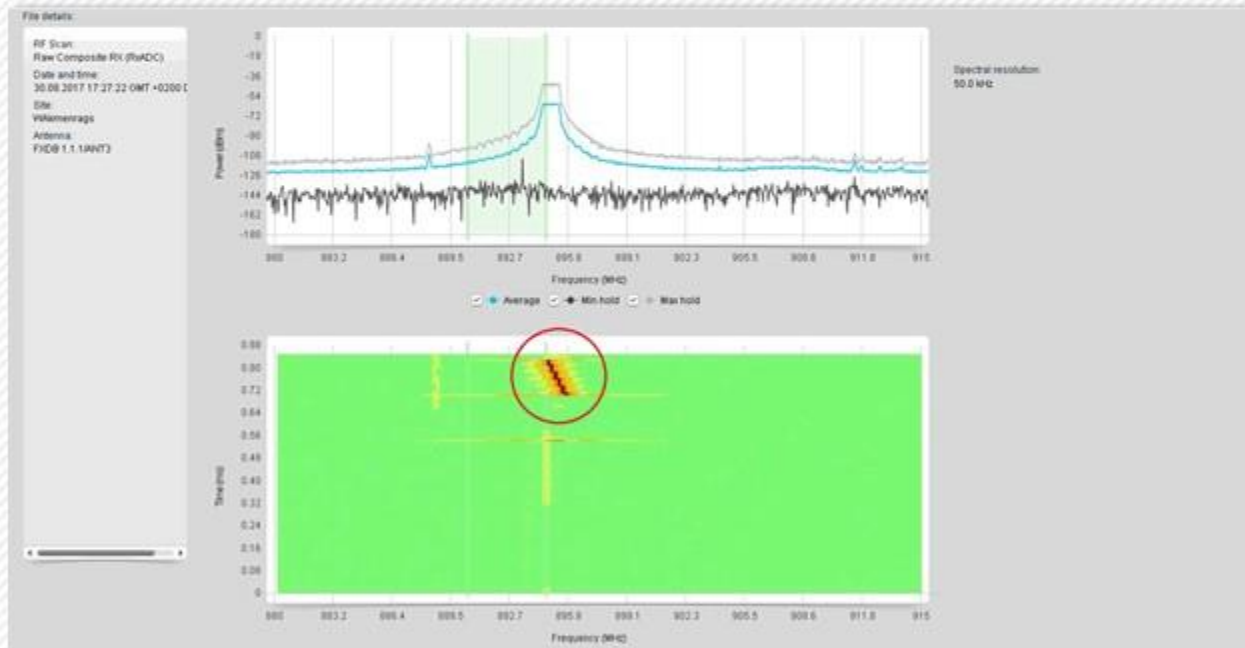
LMT Security Director



Mobile network as a sensor



Mobile network detects cyber attacks





REUTERS

CYBER RISK OCTOBER 5, 2017 / 1:52 PM / 2 YEARS AGO

Russia may have tested cyber warfare on Latvia, Western officials say

Gederts Gelzis, Robin Emmott

5 MIN READ



RIGA/BRUSSELS (Reuters) - Moscow was probably behind interruptions in Latvia's mobile communications network before Russia's war games last month, in an apparent test of its cyber attack tools, Baltic and NATO officials said, based on early intelligence of the drills.

Imt

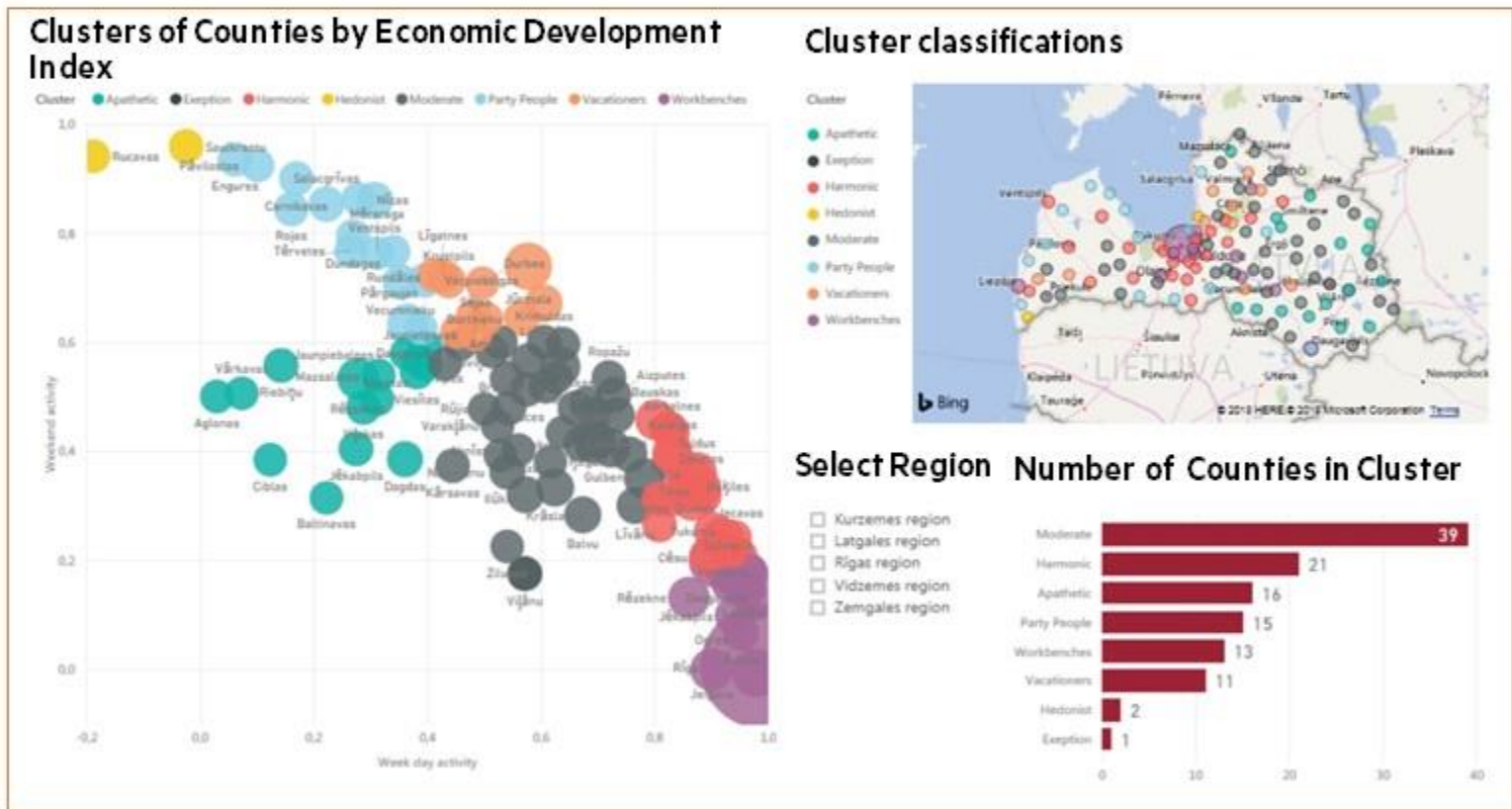


*Armoured vehicles and helicopters take part in the Zapad 2017 war games at a range near the town of Borisov, Belarus September 20, 2017.
REUTERS/Vasily Fedosenko*

LMT and big data

Innovative regional activity evaluation model

Agile analytic solution based on aggregated network activity statistics



Source: Distribution of Counties by Economic Activity, LMT & LU research results, 2018

G

Introducing 5G with 4G.



3

BIG SHIFTS

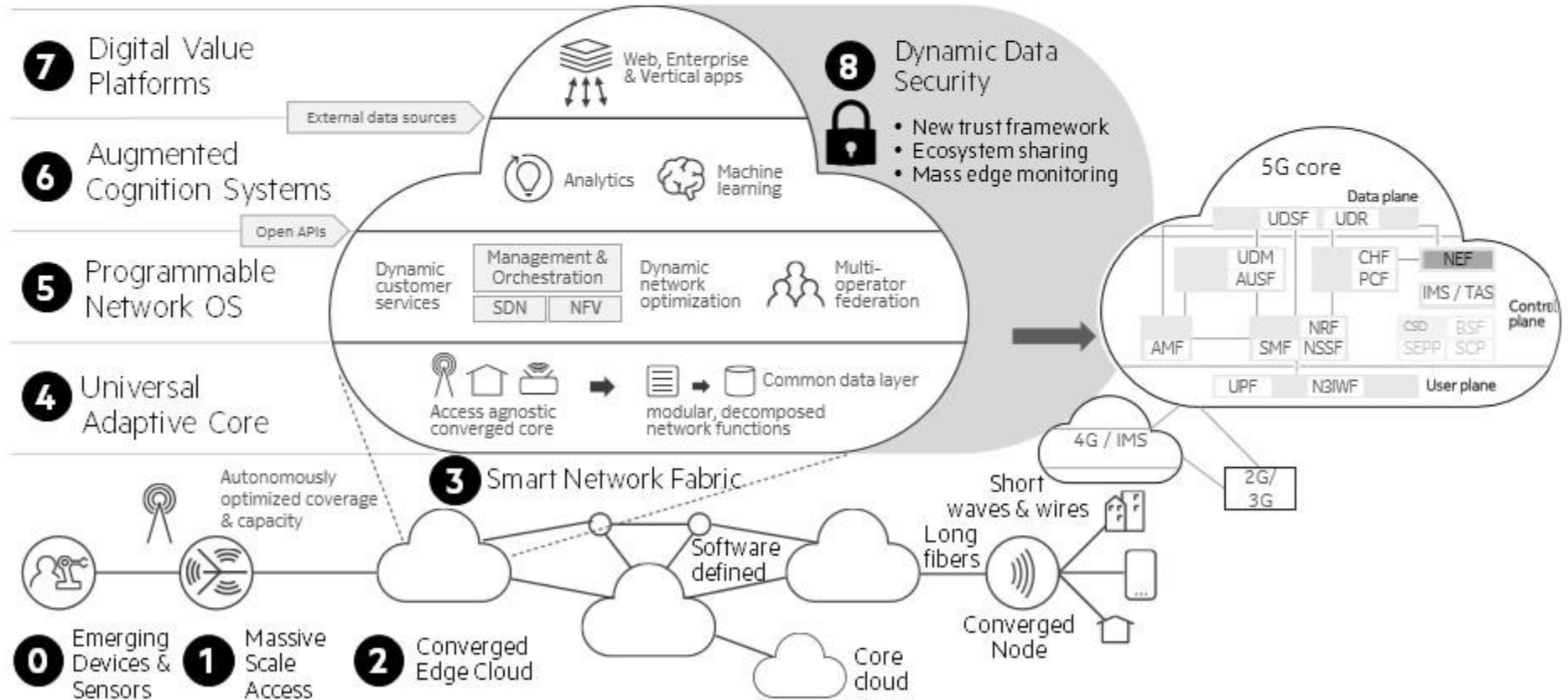
3

LESSONS LEARNED

Infrastructure: From telco to IT

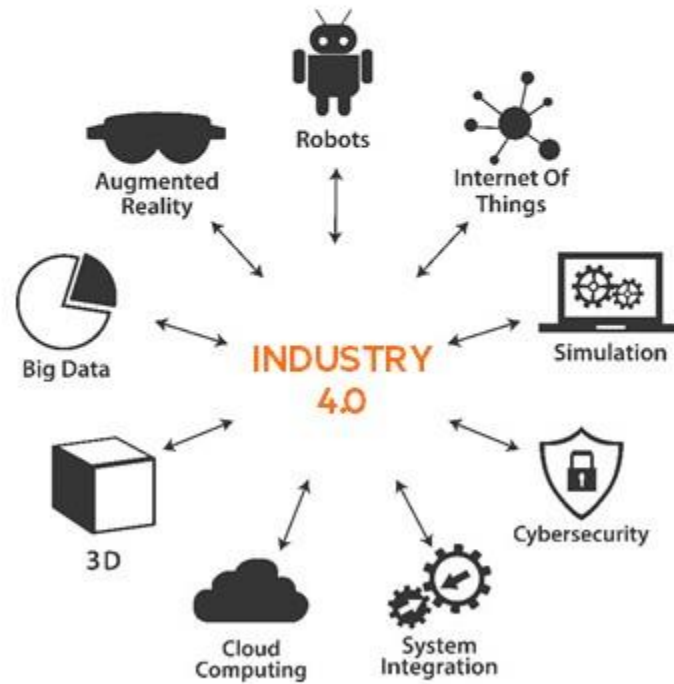
Future X architecture

Source: Nokia



BIG SHIFTS

Devices: Bigger impact



Customers: They need support



LESSONS LEARNED

Infrastructure: Security first

“ Information security management system has been audited and found to meet the requirements of standard ”

ISO 27001:2013



LESSONS LEARNED

Devices: 24/7



Customers: trusted certification



EUROPEAN UNION AGENCY
FOR CYBERSECURITY



STANDARDS SUPPORTING CERTIFICATION

Analysis of Standards in Areas Relevant to the
Potential EU Candidate Cybersecurity Certification
Schemes

DECEMBER 2019

Learning by doing

Public defence innovation projects



Local & international exercises



Exercise Crossed Swords 2018 expanded considerably in scope and complexity, covering several geographical areas, involving critical information infrastructure providers and cyber-kinetic engagement of military units ccdcoe.org/exercise-cross...



4:11 PM · Feb 5, 2018 · Twitter Web Client

EU R&D projects



The future is mobile only

lmt 



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