



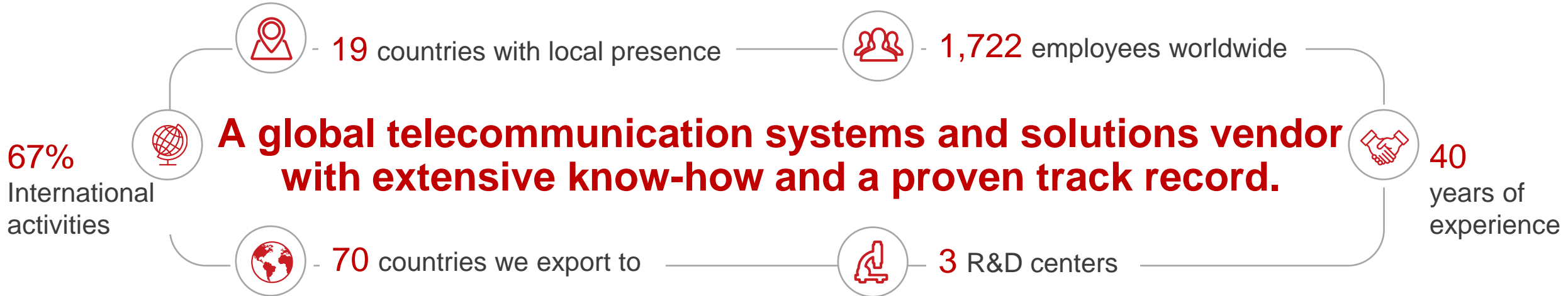
INTRACOM
TELECOM

5G R&D Activities and ICT-19-2019

Konstantinos V. Katsaros, Ph.D.
Senior Research Engineer

5G-PPP Information Day for ICT-19 proposers

14th September 2018



Core Offerings



Wireless Access & Transmission

Intracom Telecom products employ the most advanced field-proven technologies achieving and exceeding the level of performance required by the modern applications for wireless access and backhaul.



Telco Software Solutions

Intracom Telecom has been building and enriching a wide portfolio of advanced telco software solutions, enabling Operators to generate new revenues and boost their Customers' Experience.



ICT Services & Smart City Solutions

Intracom Telecom strategically focuses on the delivery and operation of top-notch services for converged networking and cloud computing solutions. The company also offers a range of Smart City solutions.



Energy Solutions

Intracom Telecom designs, installs and commissions energy-related systems, providing Smart Grids and Energy Management solutions.

5G Related Products & Services

► Wireless Front-/Back-haul

- 1–10 Gbps, PtP / PtMP
- SDR & SDN-enabled



► NFV Accelerator Platform

- ✓ 14-30% Power
- ✓ 30-60% Data Rate

► NFV-ready Virtualized Wi-Fi

- MEC, End-to-end Slicing & Multi-tenancy
- Rich VNF Library - SFC support

► Media & Entertainment

- Live TV / VoD / multi-play services
- **Full-fledged CDN:** encryption, transcoding, distribution, caching, reception of content
- Web, Smart TV/Phone, Tablet Applications



5G R&D Activities



Phase 1



Phase 2 / B5G



Phase 3

► Network & Service Management

- Cross-domain Slicing & KPI monitoring
- Optimized cross-slice communication
- MEC orchestration
- IoT Slicing

► Advanced Wireless Network Infrastructure

- SDN / SDR Wireless Backhaul
- Transport Network Slicing

Enhanced Video Streaming Services / vCDN - eMBB

- High resolution and/or VR/360 video streaming
- User Generated Content / Personalization / multi-party streaming / social networking
- AR and Video Analytics application support: streaming / MEC infrastructure

Multiple Vertical domains

- **Media & Entertainment:** large event coverage (sports, festivals, *etc.*)
- **PPDR:** first responders video sharing
drone-based surveillance / coordination
crowd-management, *etc.*
- **Smart X-culture:** agriculture/fish farming field monitoring
- **eHealth:** ambulance support/remote expert guidance, *etc.*
- **Automotive:** see-through overtaking infotainment, *etc.*

Infrastructure support

- Wireless backhauling for facility extensions
- MEC orchestration
- IoT Slicing: multiple verticals/applications sharing IoT infrastructure

✓ Key partner for
ICT-17 5G-VINNI E2E facility
in Patras, Greece
(along with University of Patras)

thank you

For more information:
konkat@intracom-telecom.com



INTRACOM
TELECOM



Follow



Link



Watch