



GDIT

Private Networking for Mission-Critical Activities

How Private 5G enhances the DoD and other federal agencies



Cisco Knowledge Network

November 3, 2022

Today's Presenters



Robert Smallwood
Vice President Digital Modernization
and Enterprise IT

GDIT



John Malzahn
Senior Manager, Customer
Solutions Marketing



Ravi Guntupalli
Director of Engineering



Session Agenda



What is Private 5G and Why is it a Game Changer?

Understanding the unique differentiation private 5G brings to enterprise networks

The Cisco and GDIT Private 5G Advantage

An introduction to Cisco's Private 5G solution covering architecture, key features, and benefits along with capabilities and knowledge GDIT brings to address specific mission-critical use cases

Use Case Review

Mission-critical logistics and warehousing have specific sets of requirements that can be addressed only by a combination of resiliency and security along with deployment experience

Demo of the Solution and Q&A

Digital trends shaping the future of business



Hybrid work

Work from home | Work from office | Work from anywhere



Industry 4.0

Automation | Internet of Things | AI/ML

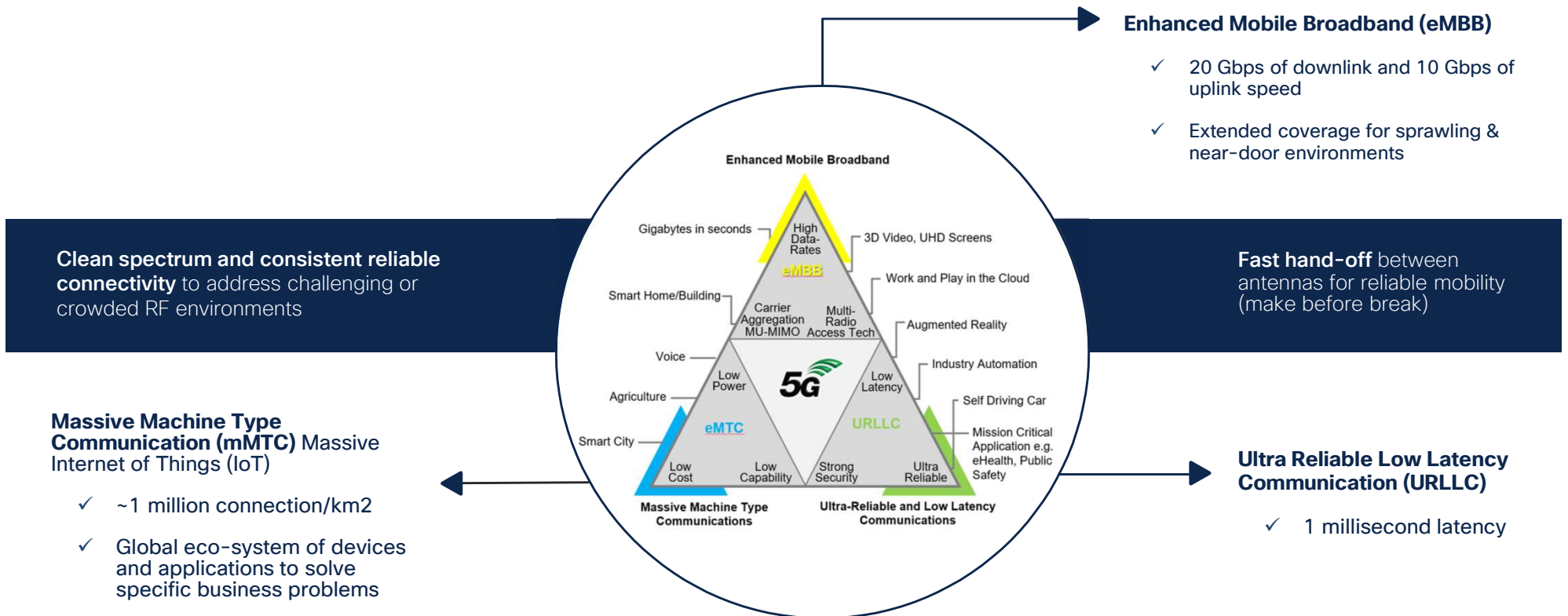


Hybrid cloud

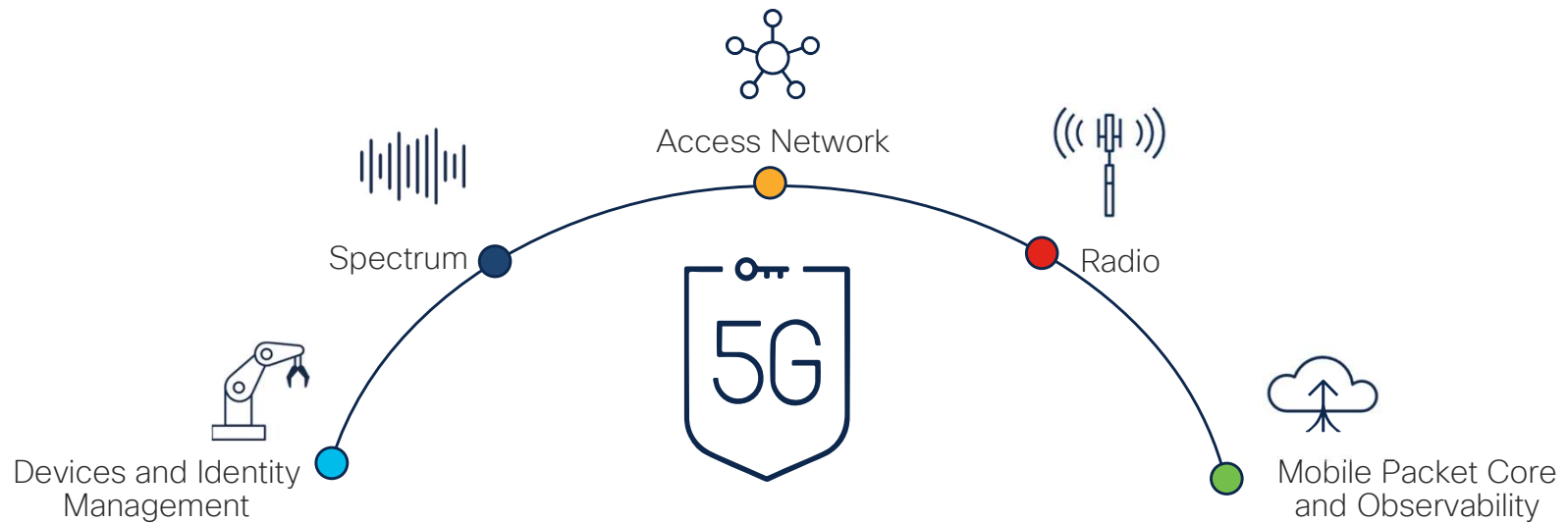
Private cloud | Hybrid cloud | Public cloud



5G Features & Capabilities



What is Private 5G?



🔑 Integrated End-to-End Security and Zero Trust Architecture 🔒

*A private cellular network that is built using **3GPP 5G technology**, dedicated to carrying **traffic from a specific entity** (e.g., an enterprise) in **licensed radio spectrum** and can **coexist seamlessly** with other access technologies*

Slide 6

SR0 I had revised this slide somewhat to make it less salesy. Can we consider using the other version?

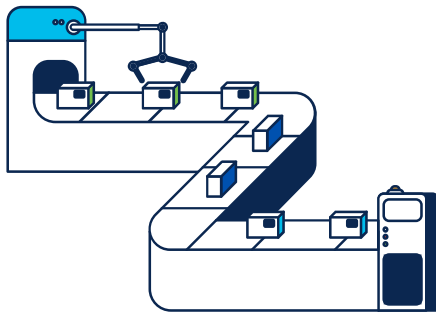
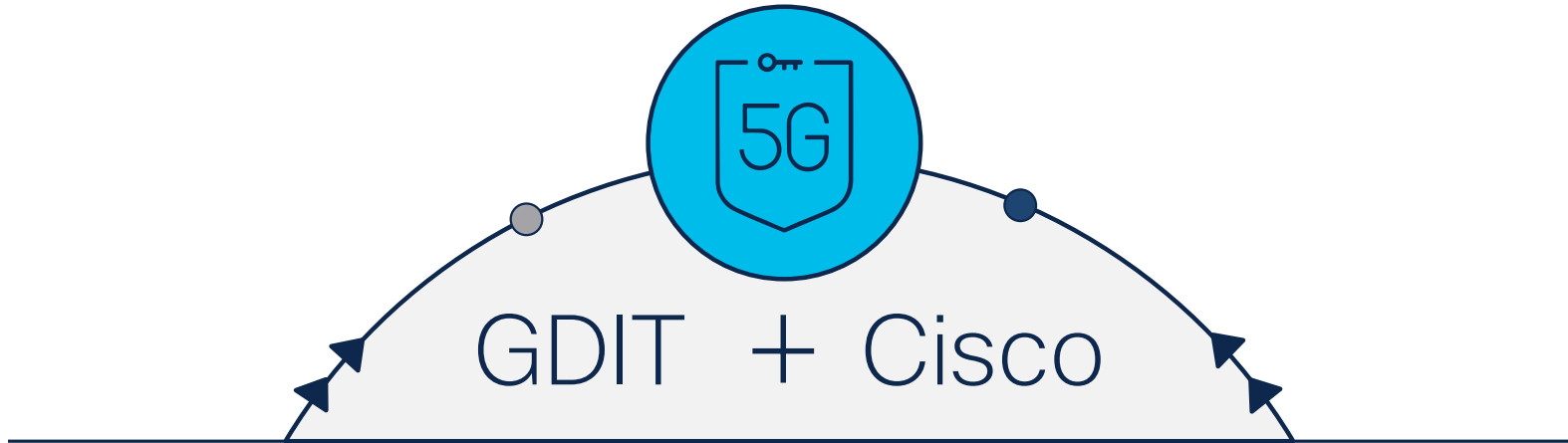
Smallwood, Rob, 2022-10-28T16:05:33.101

SR0 0 To me we want to express in general terms what private 5G is and not jump right into associating it with Cisco and GDIT

Smallwood, Rob, 2022-10-28T16:11:50.370

RG(0 1 OK with this Rob and I moved the solution to the end so we get to the arch last

Ravi Guntupalli (raguntup), 2022-10-28T16:54:46.048



Use case knowledge



Easy to consume solution

Slide 7

SRO I would move this up after the what is 5G content possibly after slide 6

Smallwood, Rob, 2022-10-28T16:10:00.848

RG(0 0 See if the new flow works please

Ravi Guntupalli (raguntup), 2022-10-28T17:47:34.172

Key Industry Verticals and Applications Addressed By Private 5G

Platform Connectivity



Improved platform-to-platform connectivity

Command & Control (C2)2/BM



Networking disparate sensors & shooters to develop a common operating Picture

Logistics & Manufacturing



Increasing supply chain efficiency & inventory / asset management

Improved Network Access



Private 5G networks for specific customer use

Training



Developing immersive and virtual training environments

Smart Infrastructure



Single and multi-modal sensor integration for automated warehouses

Health



Healthcare IT systems, imaging systems, autonomous procedures, and telehealth

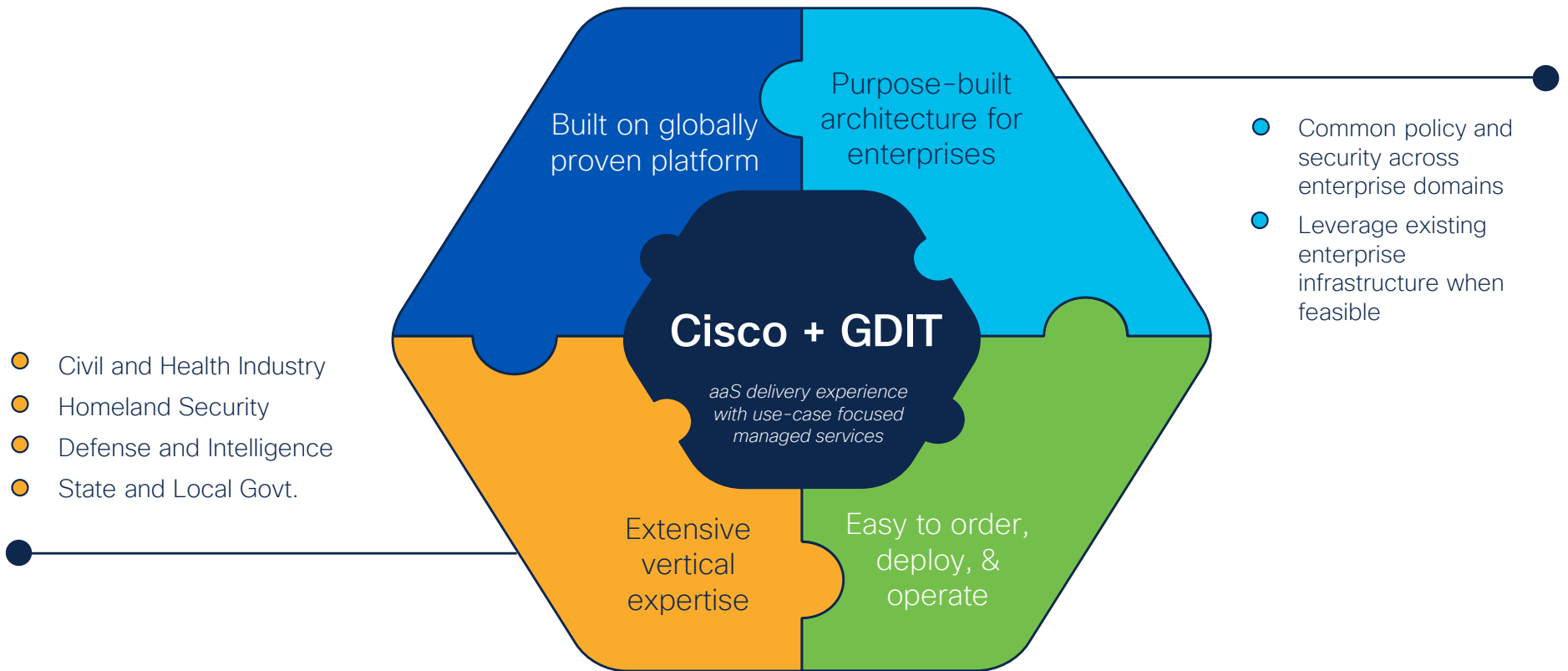
Education



4K/UHD/3D broadcasting and improved online learning

GDIT & Cisco collaborate to design holistic solutions to address common use cases tailored to our customer requirements and needs

Value of Cisco-GDIT Delivery Model for Private 5G



Slide 9

SR0 Could we replace the word partners with GDIT

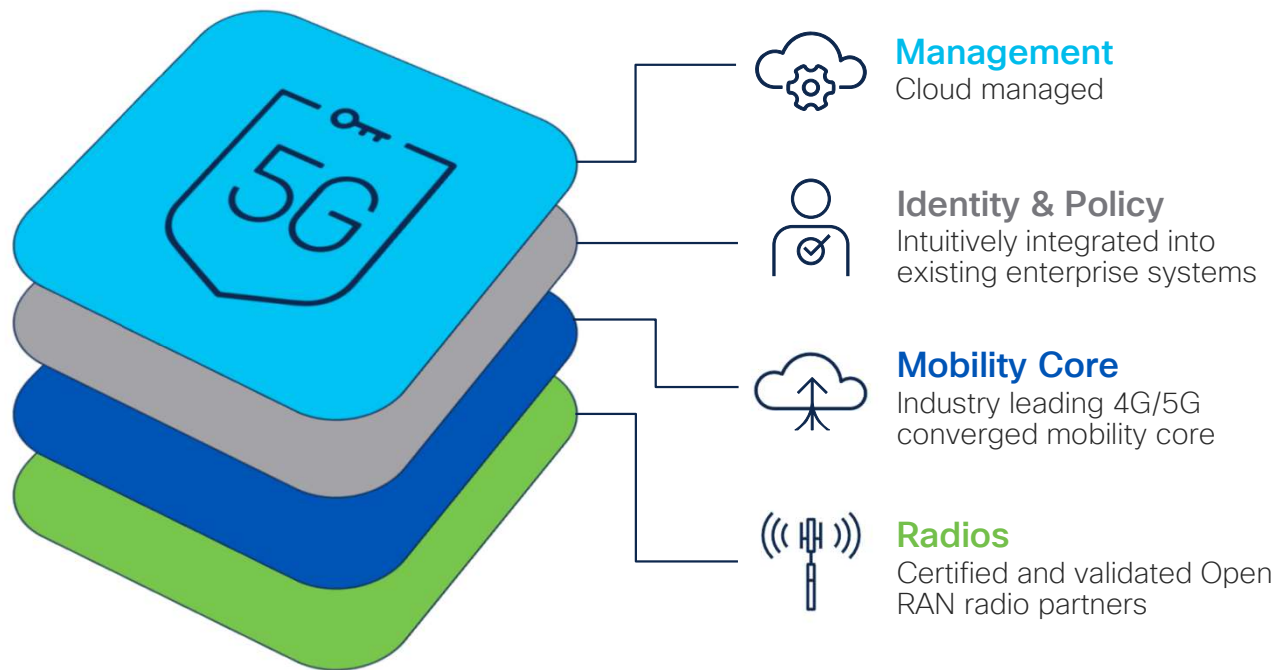
Should we consider reframing this slide as a “who we are” slide – a little less salesy. This would let us explain why we’re working together, what we’re doing, and why the information we’re sharing today is relevant. We should shorten it a little and possibly move earlier in the deck.

Smallwood, Rob, 2022-10-28T16:09:19.886

RG(0 0 Let me know if this works and now that solution is at the end - this slide auto moved ahead of other slides

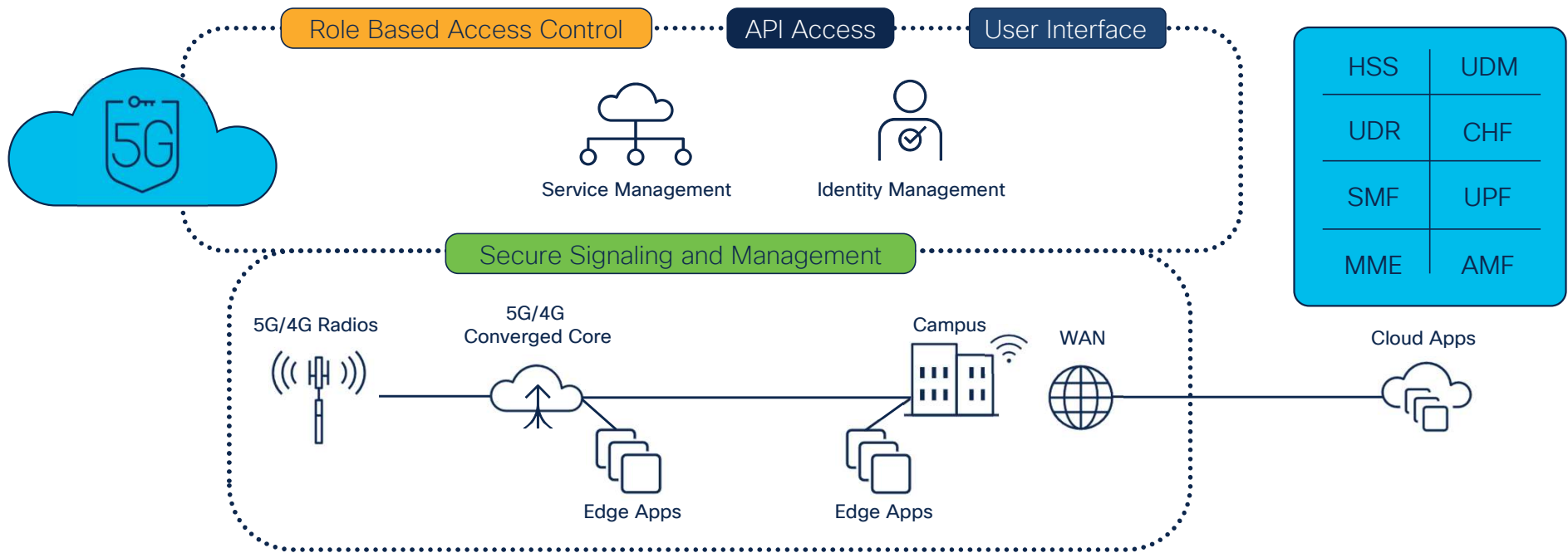
Ravi Guntupalli (raguntup), 2022-10-28T16:56:32.154

Private 5G Solution Components



Simple
Intuitive
Trusted

Making Private 5G Simple and Secure





Cisco Private 5G Demo



Summary



Cisco Private 5G



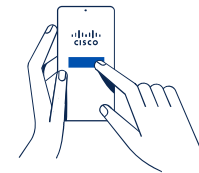
Enterprise-ready
private 5G network



Expertise delivering mission-critical
use cases



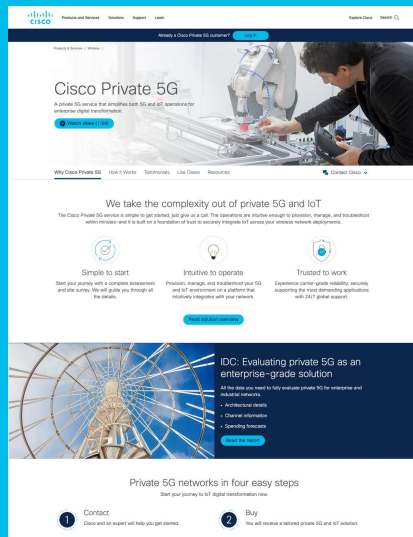
Simple like Meraki
Wi-Fi



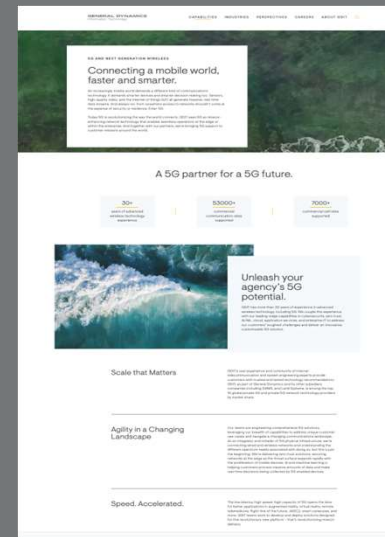
Trusted by enterprises with
unified identity and policy via ISE

For more information visit

[cisco.com/go/private5g](https://www.cisco.com/go/private5g)



<https://www.gdit.com/capabilities/technology-solutions/5g-wireless/>



Slide 14

SR0 Should we also put a link to GDIT here
Smallwood, Rob, 2022-10-28T16:10:33.175

RG(0 0 Yes - please add it
Ravi Guntupalli (raguntup), 2022-10-28T17:48:00.816

Questions?





GENERAL DYNAMICS
Information Technology



© 2022 Cisco and/or its affiliates. All rights reserved.

© 2022 GENERAL DYNAMICS INFORMATION TECHNOLOGY. ALL RIGHTS RESERVED.

