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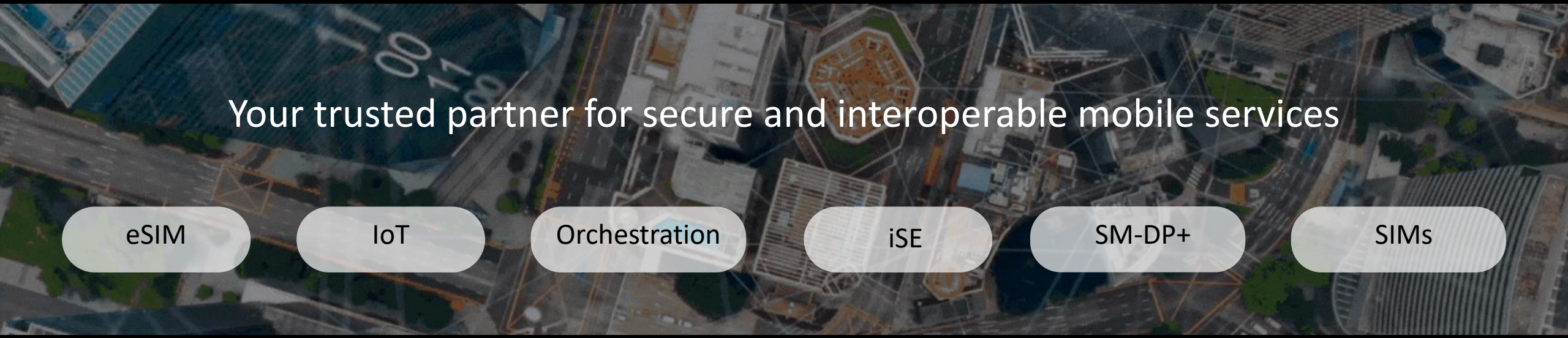
5G IoT Summit

How eSIM for IoT Applications is Shaping the Future of the IoT Ecosystem

Sam Brown, Valid's Business Development Manager for OEMs
Jan Lattunen, Simplex Wireless' CCO

Valid

Valid



+900M

Connected devices use Valid's technology

5th

SIM card producer worldwide

+100

Subscription Management Platforms implemented around the world

Current Problem:

The Fragmented Ecosystem

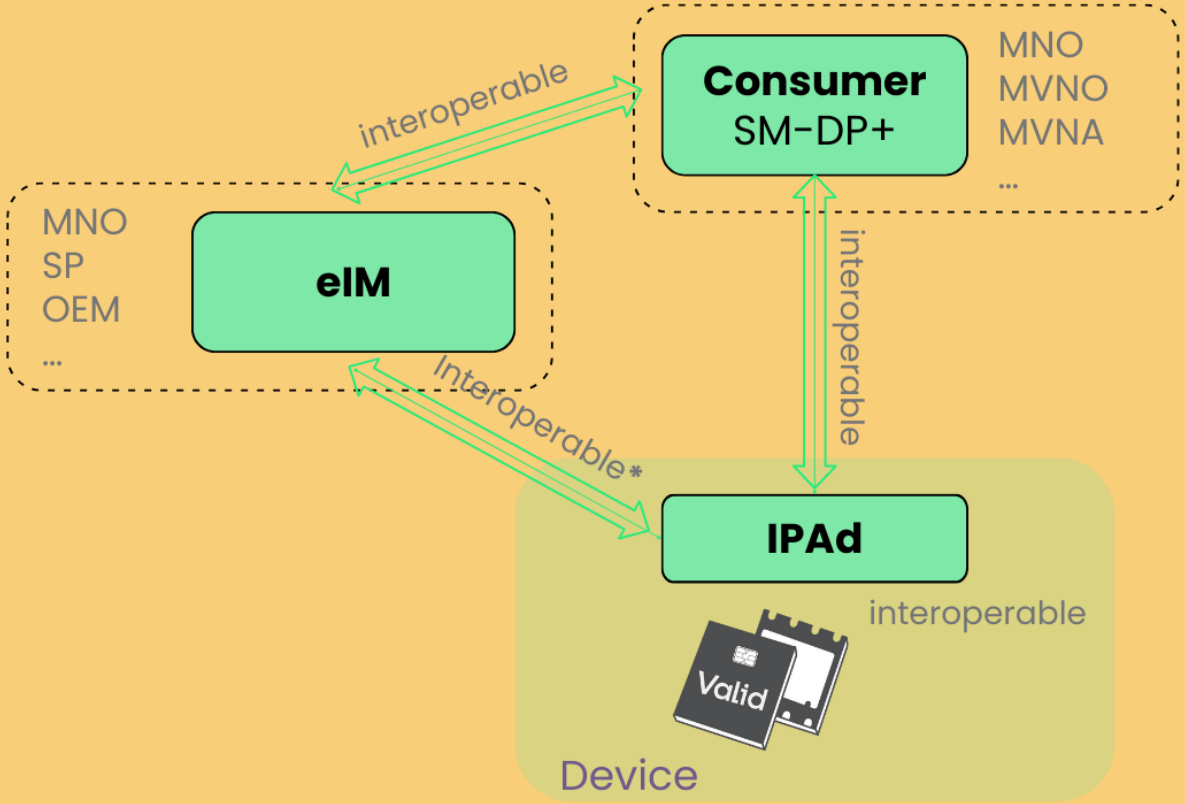
The IoT market has witnessed remarkable growth, but its landscape is characterized by fragmentation and complexity.

This complexity arises due to several factors, including:

- Diverse applications
- Increasing requirements
- Control of the connectivity

GSMA Intelligence estimates that the total number of IoT connections will more than double between 2021 and 2030, reaching 37.4 billion.

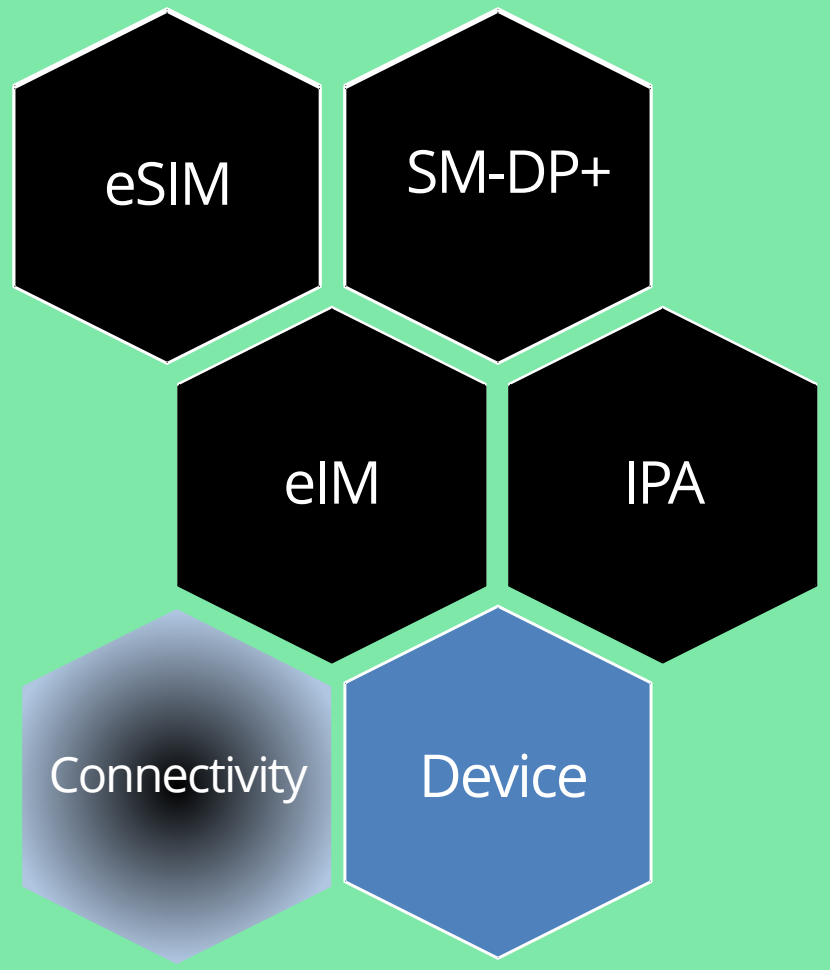
GSMA IoT SGP 32 Specification has been designed for IoT devices



eIM: eSIM IoT remote Manager
IPA: IoT Profile Assistant

*For a first communication, IPA needs to have certain information about the eIM. Also, the IPA needs to send certain information from the eSIM to the IPA

Valid + SimpleX PoC



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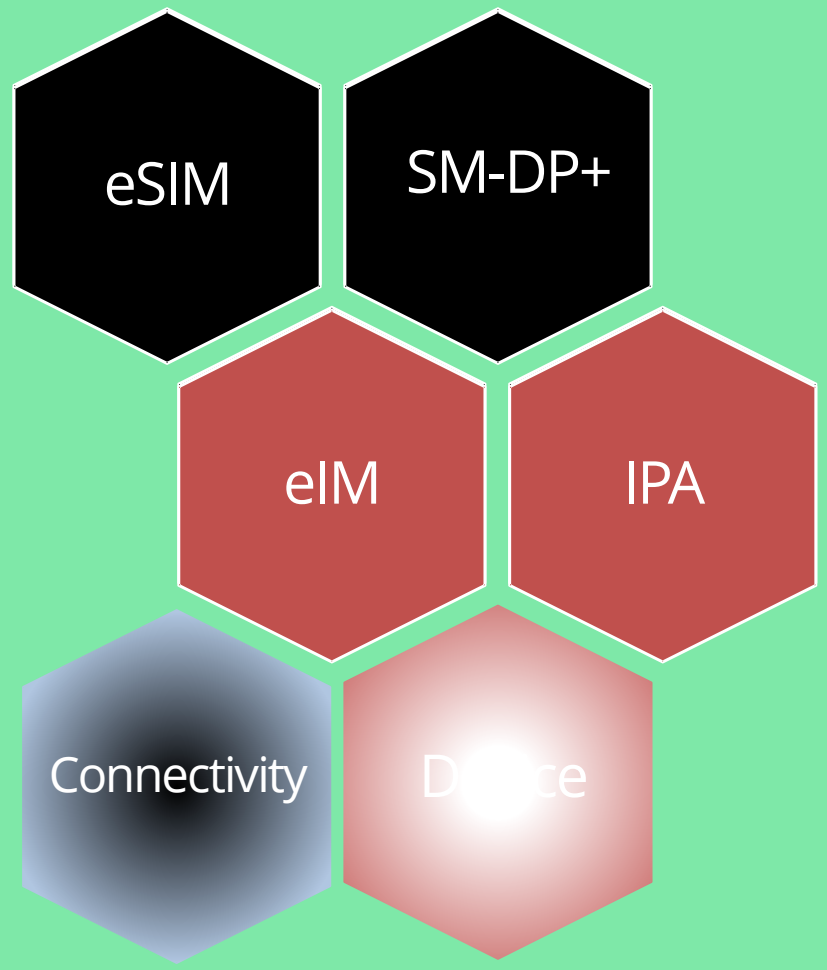

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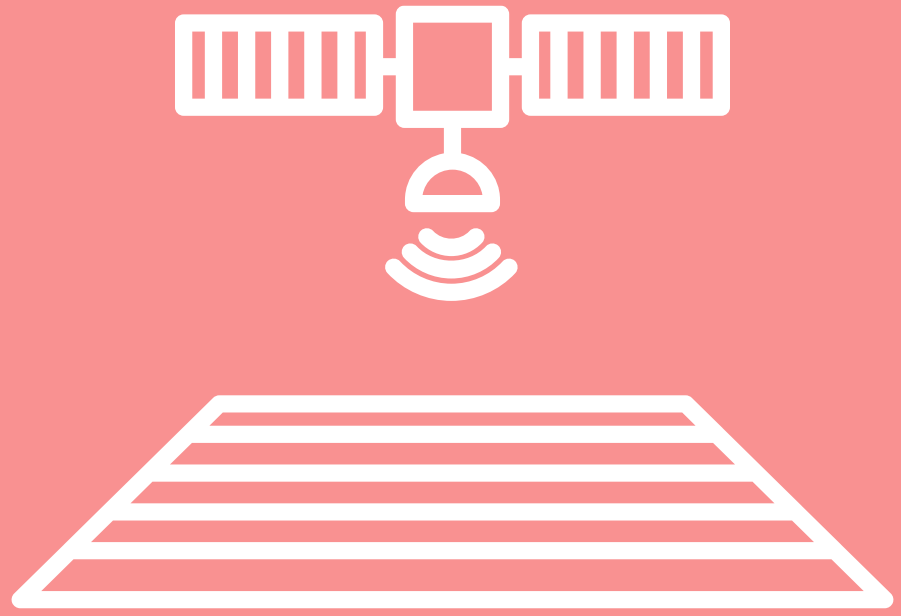
With these flexible options, you can seamlessly assemble the components that best suit your IoT project's requirements, all while benefiting from the expertise of your chosen partners.

This approach empowers you to tailor your IoT solution precisely to your needs and ensures a smooth, hassle-free experience.



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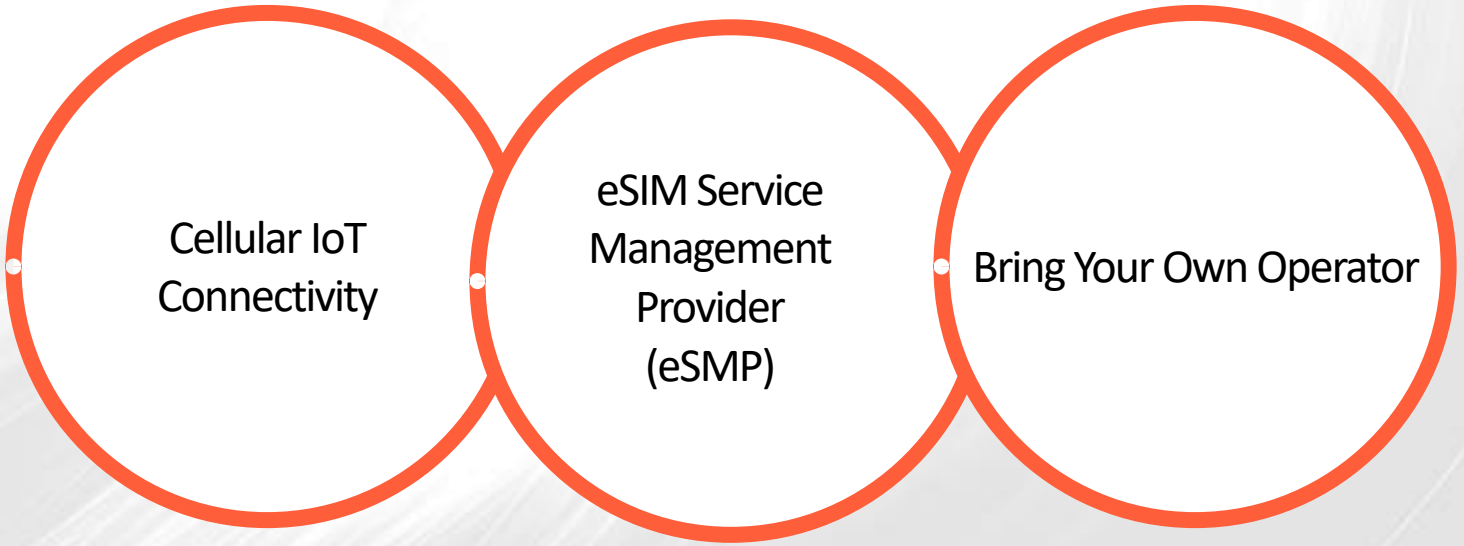
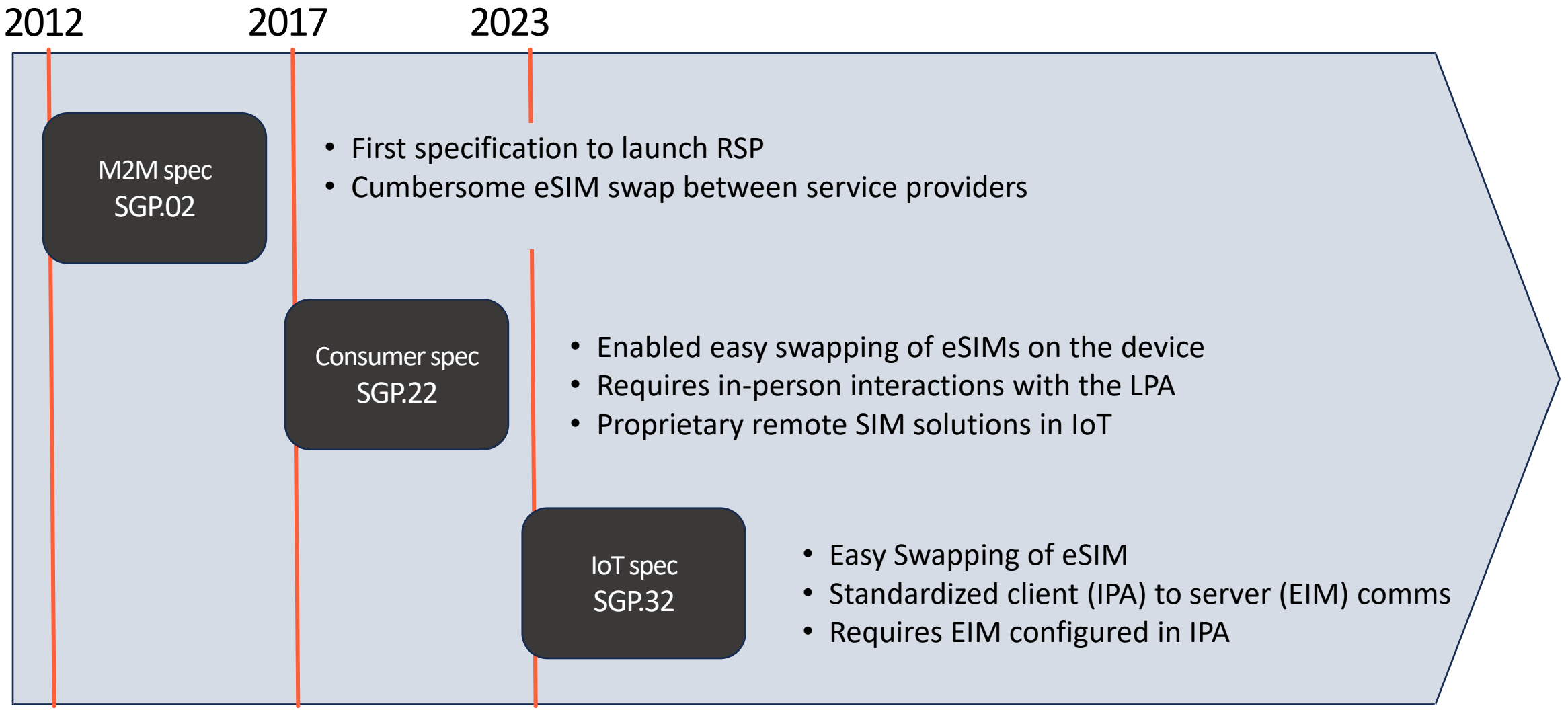
Simplex Wireless

- Independent Connectivity Service Provider
- Looking to simplify cellular adoption for IoT devices
- Full-service organization out of Atlanta



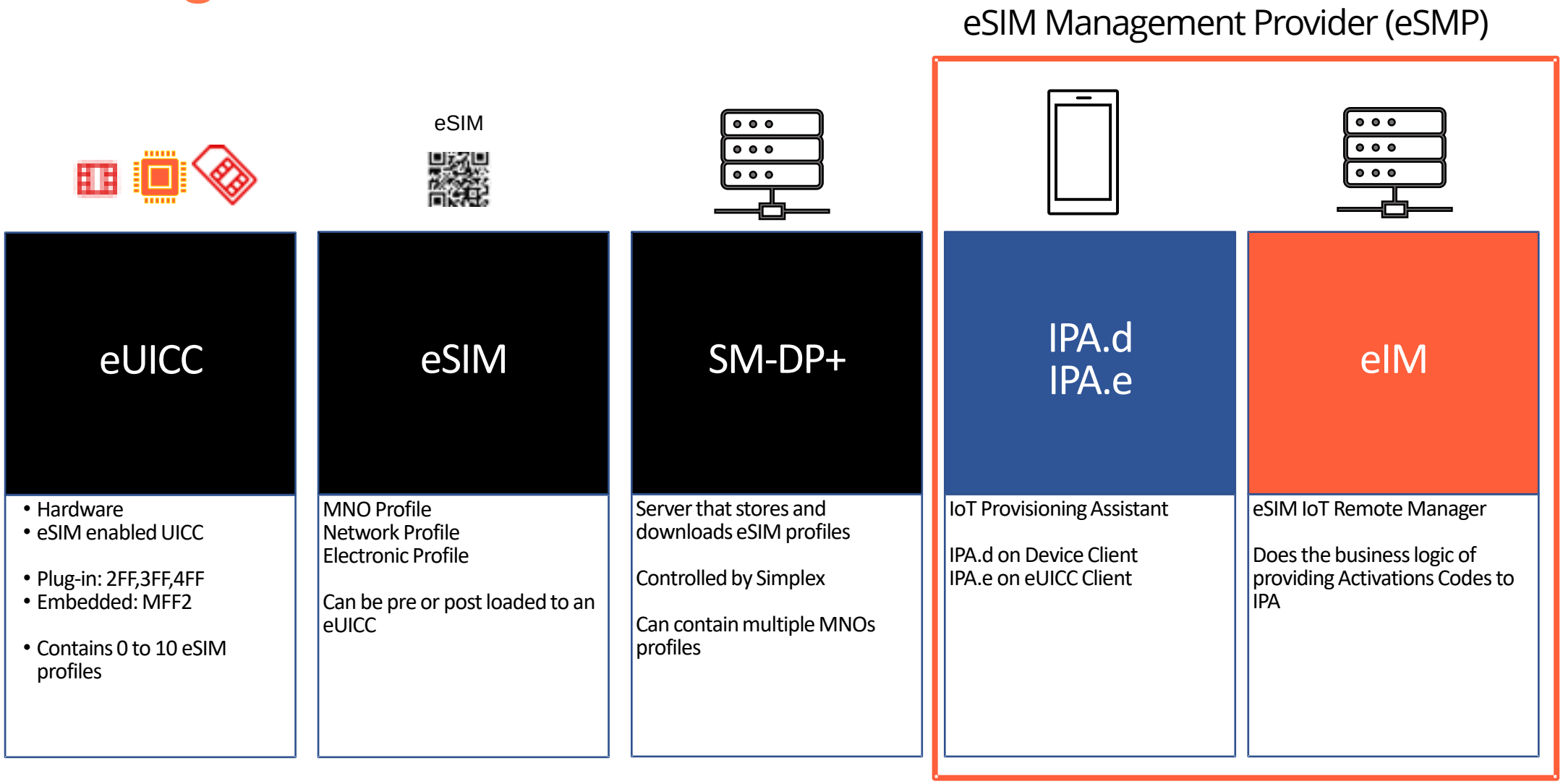
Why is the new IoT for eSIM specification key



Simplex WIRELESS

Keep it simple. Make it Simplex!

Building a PoC with Valid



Keep it simple. Make it Simplex!

Case Study

Intelliterra™

Liberating wireless network design and deployment

A **software platform** enabling massive remote area radio network design, deployment, maintenance.

Problem: Remote area wireless coverage

- 200,000+ farms greater than 1,000 acres (USA)
- Very sporadic network coverage, not affordable

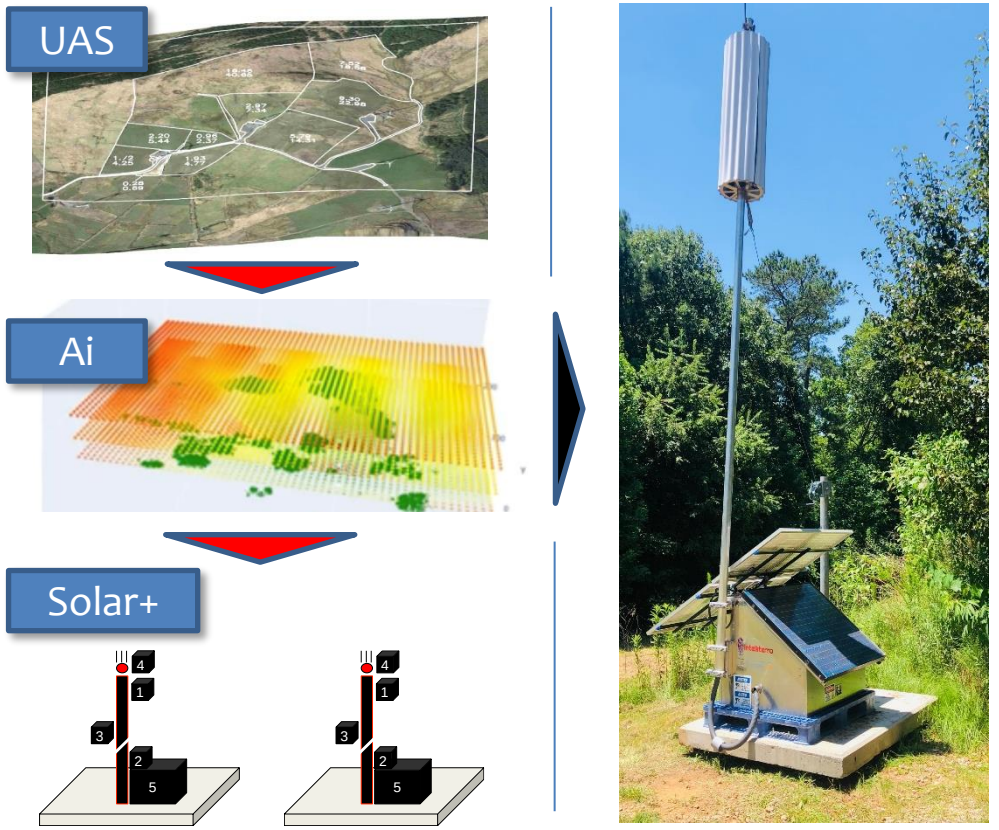
Solution: Enabling affordable deployments at scale

- Automated network design using autonomous flight, ai, s/w
- Makes 5G affordable and simple for complex open areas

eSIM for IoT: enables

- Service choice flexibility by region and country
- eSMP enables further flexibility for the long run

Patent-Pending - U.S Patent Application No. 17/566,612



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Thank you!
Meet us inside the exhibition: Meeting room #1374

Visit our site
to know more:

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