

GSMA eSIM Discovery

The next steps to unlock the potential of eSIM
with new approaches in eSIM Services



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Speaker

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Almost all eSIM devices can benefit from the eSIM Discovery Service

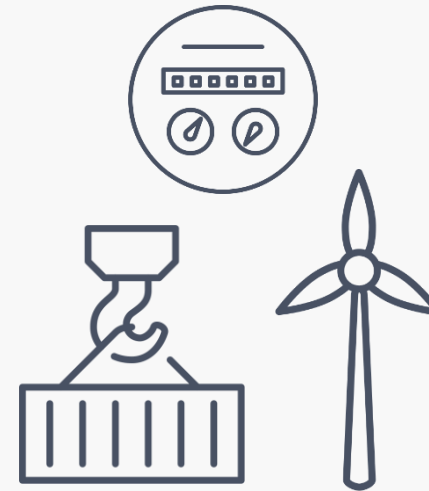
CONSUMER ELECTRONICS



Consumer IoT



Industrial IoT



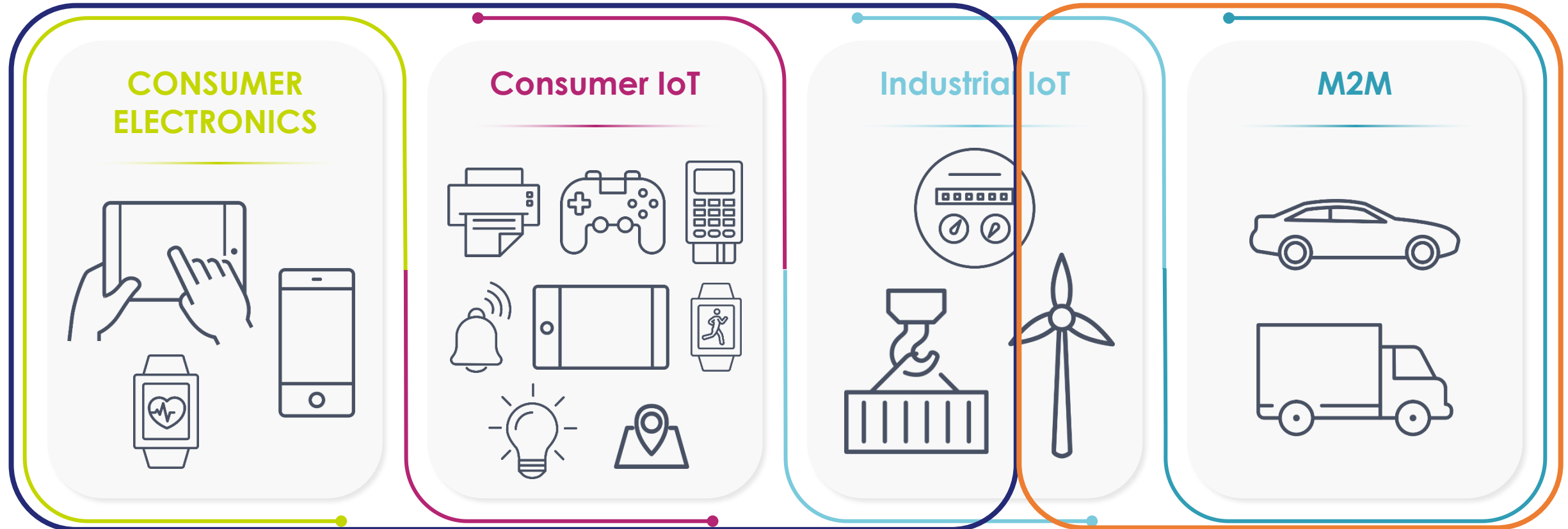
M2M



Consumer specifications define the **SM-DS** as a standard method to download profiles into eSIM devices

M2M specifications

Almost all eSIM devices can benefit from the eSIM Discovery Service



Consumer and **WG7** specifications define the **SM-DS** as a standard method to download profiles into eSIM devices

M2M specifications

872 Mu devices
could be using the
**eSIM Discovery
Service** by 2026



A red pen is shown drawing a smooth, upward-curving line on a sheet of blue graph paper. The pen is positioned at the top right of the frame, with its tip touching the paper. The curve starts from the bottom left and moves towards the top right, ending near the pen's tip. The background is a light gray surface.

How to be prepared for
eSIMs transactions
take-off?

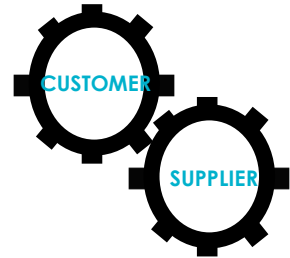
Enabling **scalability** and **reliability** with the migration to the **public cloud**

Scalability



To quickly increase capacity and support MNOs when the number of eSIMs transactions grow

Reliability



Relying on a robust network of servers and bandwidth to provide confidence to MNOs

Future-proof



By making latest technology available to GSMA, MNOs can have quicker answer to their needs

With security assured via HSM implementation

New potentials enabled by **Push Notification**

For higher efficiency

Devices will contact the eSIM Discovery Service only when there is a profile to be downloaded

- **Avoids** millions of devices generating millions of unnecessary polls
- **Greater** efficiency provides higher confidence to MNOs

Allows time-critical remote management activities

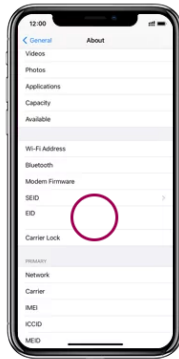
Devices will be immediately notified when a profile needs to be downloaded via the eSIM Discovery S.

- **Provides** more control to the MNOs
- **Faster** Customer Care service
- **Higher** subscriber satisfaction

Simplifying the access to the **device's EID**

➤ Where to obtain the device's EID?

In devices with a screen
the EID will be accessible
by the End User



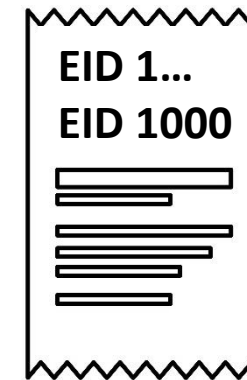
EID in the
device's menu

The EID should be printed
on the device packaging



EID on the
device's sticker

Provided by Supplier
during bulk purchases



The eSIM Discovery Service



An intuitive user experience



Universal and standardized



Best option for IoT devices



Fully digitised processes

Thank you!

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