

Geofencing Paper Project

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Geofencing Business Case

With the increasing adoption of smart containers, the need to **geographically define the facilities** and zones through which containers travel in the supply chain is **increasing rapidly**.

Today a multitude of different parties (IOT providers, individual carriers, terminals) maintain geofencing coordinates; this information is held in many different systems, in different formats, and there is **no single source of truth** or **agreed methodology for geofencing** the coordinates of any facility.

Geofence Paper- Project

- Project will define the **methodology** and rules for different types of facilities to be geofenced
- Scope is child codes of UN/LOCODE
- Provide **examples of geofences** with difference in quality to demonstrate how to review
- Outline the concept of '**nesting**' to cover various use cases or scenarios from a facility geofence
- Provide guidance on **Publication** of Geofences for interoperability between IoT providers
- Geofence Paper will form a standardized approach for geofencing facilities

Geofence Paper – BIC and SMDG



Project Timeline

- Kick off meeting took place in **July 2023**
- Project meetings every week, 1 hour duration, around **25 participants** have contributed
- Approximately 2 calls left to finalize paper
- Paper Draft for **Public Review October 2023**
- Project **Exit December 2023 / January 2024**

Thank you

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