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RFID diagnostic

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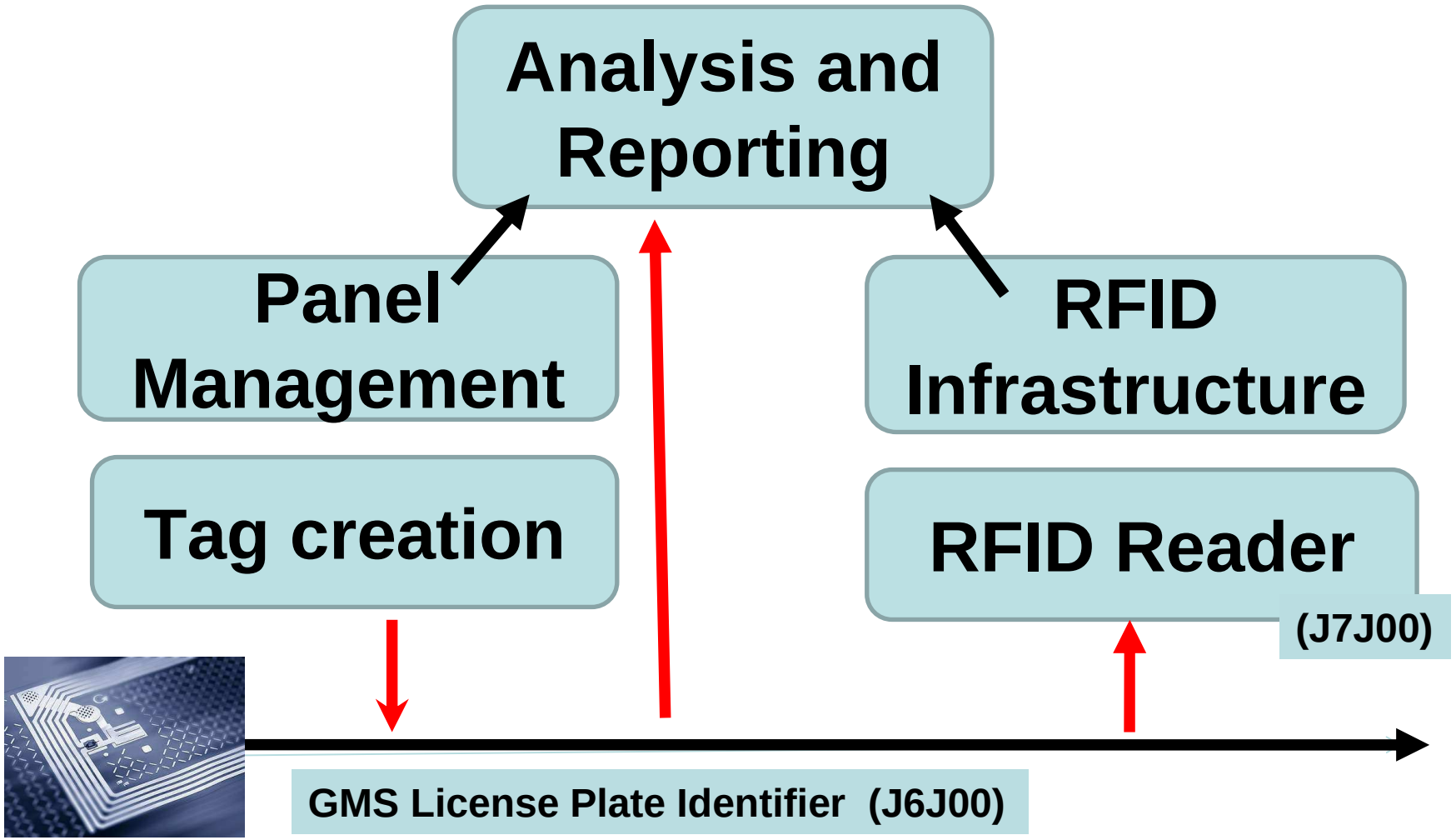

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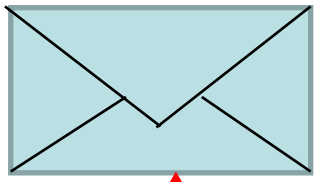
Analysis and Reporting



EPCIS message with GMS extension

UPU VPN Option

RFID reader

(J7J00)

ISO 18000 6c

1st Filtering Rule : Country Arrival

(J6J00)

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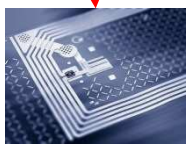
Central Monitoring

Analysis and Reporting

RFID reader

(J7J00)



- **Real time monitoring of RFID infrastructure**
- **Controlling local RFID environment (LLRP)**
- **Outage reporting to Analysis and Reporting**
- **2 hour without power or communications**
- **48 hour on-site fix to all countries**

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POSTAL USE CASE

The RFID tags will be contained in anonymous DL format envelopes hidden in normal letter dispatches. They will be read as they pass through the entrance door at the receiving Postal Operator.

Performance: A user metrics test performance of 95% read of 15 tags located in a postal mail bag being conveyed in wooden or rolling cages or postal trolley and passing through a gate/loading dock at 5 m/s at a read range of 4m.

The tags will be in envelopes and separated from other tags in the same mail bag by at least 5mm. The gross weight of each envelope plus RFID tag will be less than 20 grams.

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GLOBAL USE CASE

The RFID Tags must be designed to operate globally despite regional standard variations in power and frequency.

Suppliers should be able to provide an appropriate frequency/power response curve for the proposed RFID tag.

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CONTENTION WITH OTHER RFID SYSTEMS

The supplier should have the capability to test 2 or more RFID systems working in the same vicinity to diagnose and resolve any contention issues.

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Designed Solution

For small or simple implementation
Focus is on ease of deployment and cost control

Customised Solution

For large or complex countries
where integration with existing systems is required

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