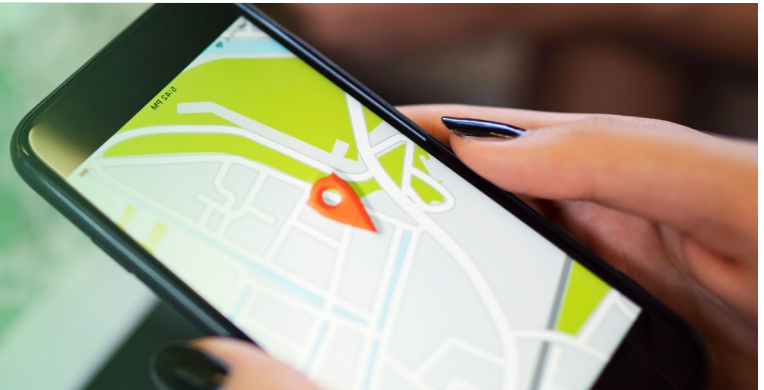**GS1** ®

Australia

NATIONAL LOCATION REGISTRY

Australian Government
Department of Infrastructure, Transport, Regional Development and Communications

A National Freight Data Hub initiative of the Commonwealth Government

Essential data
to drive productivity improvements in the Transport & Logistics industry

Why does the Transport & Logistics industry need a National Location Registry?

Understanding the specific parameters of a location where physical transport processes take place has been identified as a critical component to achieving effective supply chain visibility and is in keeping with the supply chain efficiency pillar of the National Freight & Supply Chain strategy.

The Registry will provide essential data to drive productivity improvements in the Transport & Logistics industry.

What is the National Location Registry?

A digital registry, powered by GS1 Australia and based on ISO Global Data Standards, where attribute information about physical pickup and delivery locations is digitally stored and accessible to authorised users.

• Hosting detailed, consistent, and verified information (master data) that location owners/ occupiers publish about the physical locations relevant to their operations providing critical data about physical locations to industry and Government.

• Considered a critical piece of soft infrastructure that will be leveraged to improve a range of transport related processes to benefit Australian supply chains.

What is the operational value of effective and smooth delivery of freight?

The current situation of collecting and exchanging information about physical locations is an entirely manual process, right across the country. Every organisation in the supply chain that needs to record external pickup and delivery location information, does so as a distinct curated version of their understanding of that location.

Key Benefits

• **Accurate records** about location parameters provides confidence that deliveries will be carried out as planned and not adversely impacted by unforeseen or unknown site restrictions.

• Industry will have **access to reliable and accurate location master data**; the absence of which currently results in a variety of operational delays and/or failures in the process of physical deliveries of goods.

• **Streamlines the flow of location information** between supply chain partners.

• All stakeholders working from the same data – **no manual creation** or duplication by multiple parties.

• **Easy notification** of changes to all who need to know, e.g. change of operating hours.

• Will aid **better planning** decisions.

• **De-stress the work environment** for improved driver wellbeing.

• The **removal of duplicated effort** for each organisation to maintain one or more sets of location information - eg every transport company delivering to a DC has a record of that location and information about it.
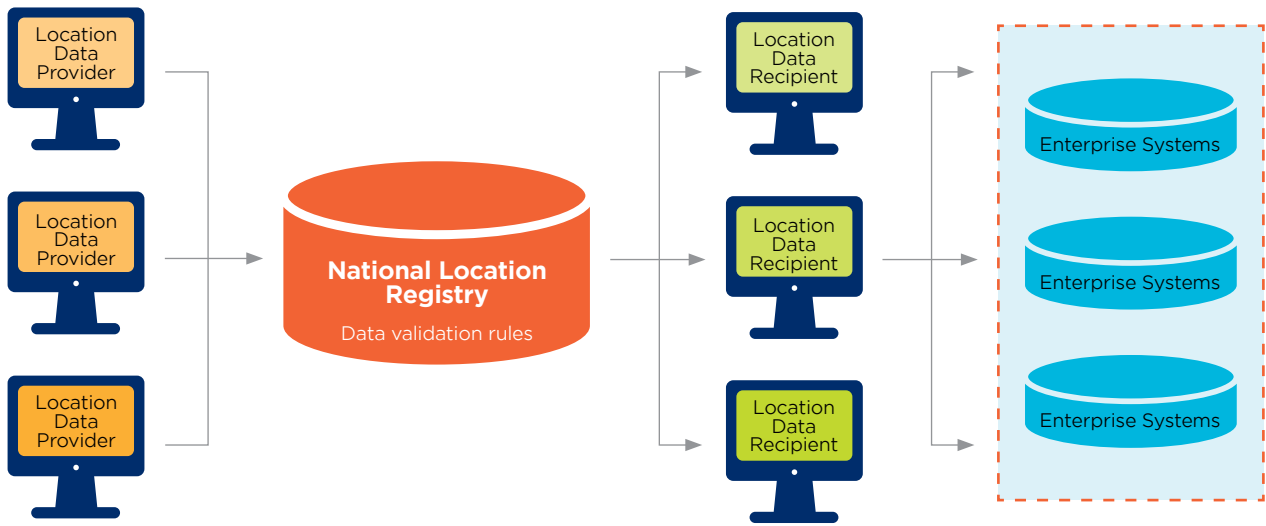
Figure 1: National Location Registry data flow

Creating and keeping this information up to date is a costly process and subject to errors as optimal data maintenance processes are often lacking.

Having a common and consistent way of capturing and disseminating accurate location data to supply chain partners will bring industry wide benefits by providing the opportunity to digitise this important aspect of the supply chain management process.

How does it work?

Location Data Providers - Owners/custodians of their locations provide data to the registry – provide data once and make it available to many.

Location Data Providers control access to their location data based on data recipient requests or can elect to make it public.

They can also receive data from other organisations within their supply chain using the platform.

Location Data Recipients request access to location data or can search data that is published to all recipients.

All users of the registry must be registered.

Still have questions? We're here to help

As our valued members vary in size across different industries, please contact us for a customised package option:

T +61 2 9695 2227   **E** services@gs1au.org

Endorsed by:

CONNECT WITH US