Leveraging Standards for National Distribution Solutions in Sweden

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Background

- ResPlus – enables combined travels with all public transport operators nationally
- It’s a cross-industry, voluntary, collaboration with both public and private operators
- There is no government involvement or financing

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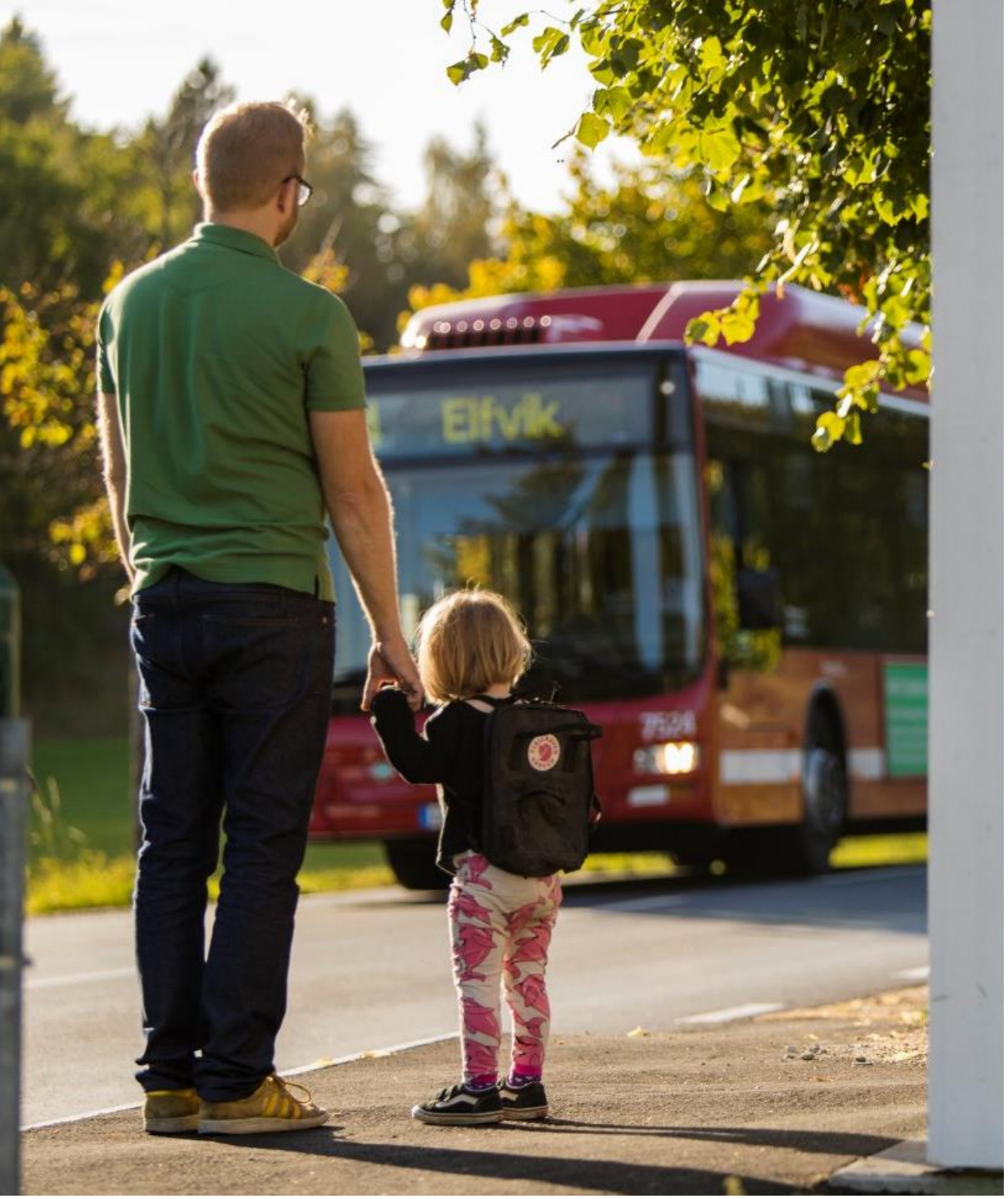

New solution since 2024

First version live in April 2024. Now under continuing enhancements and improvements.

Goals for the new National Distribution System (NDS):

- A distributed solution to connect many operators ticketing systems to many resellers sales channels enabling combined travels
- The experience of travelling with combined tickets should be equal to any other travel
- Using open standards for an open system and lowering costs

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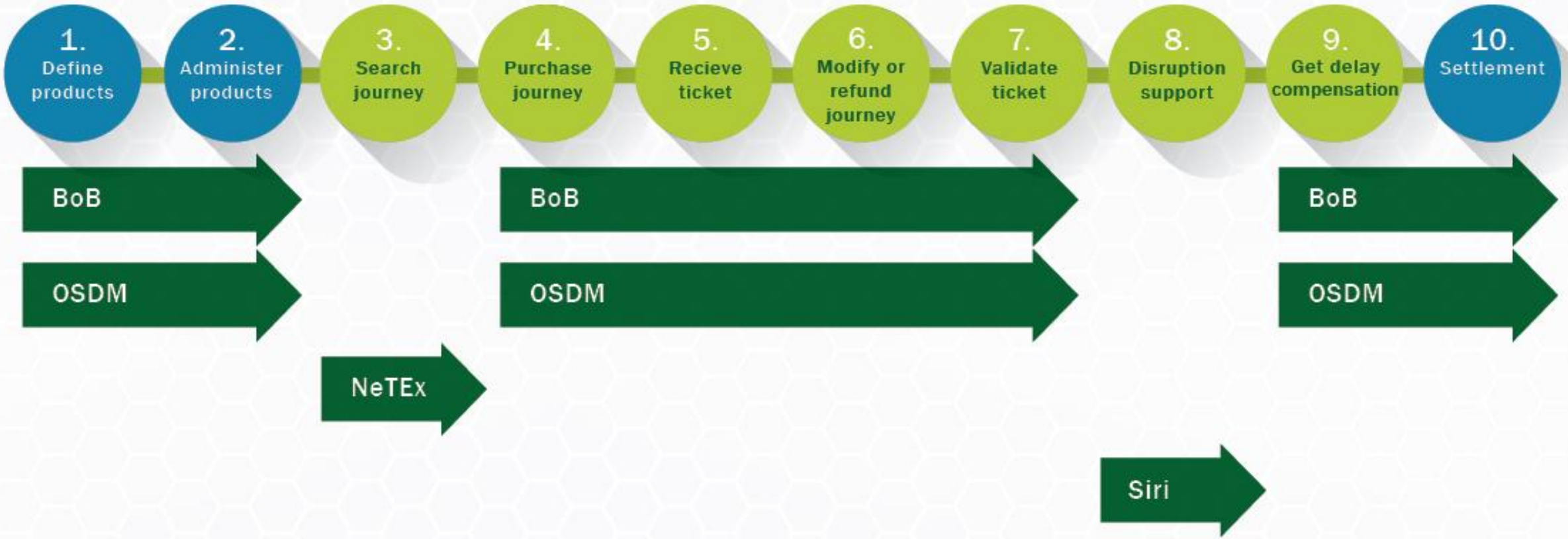

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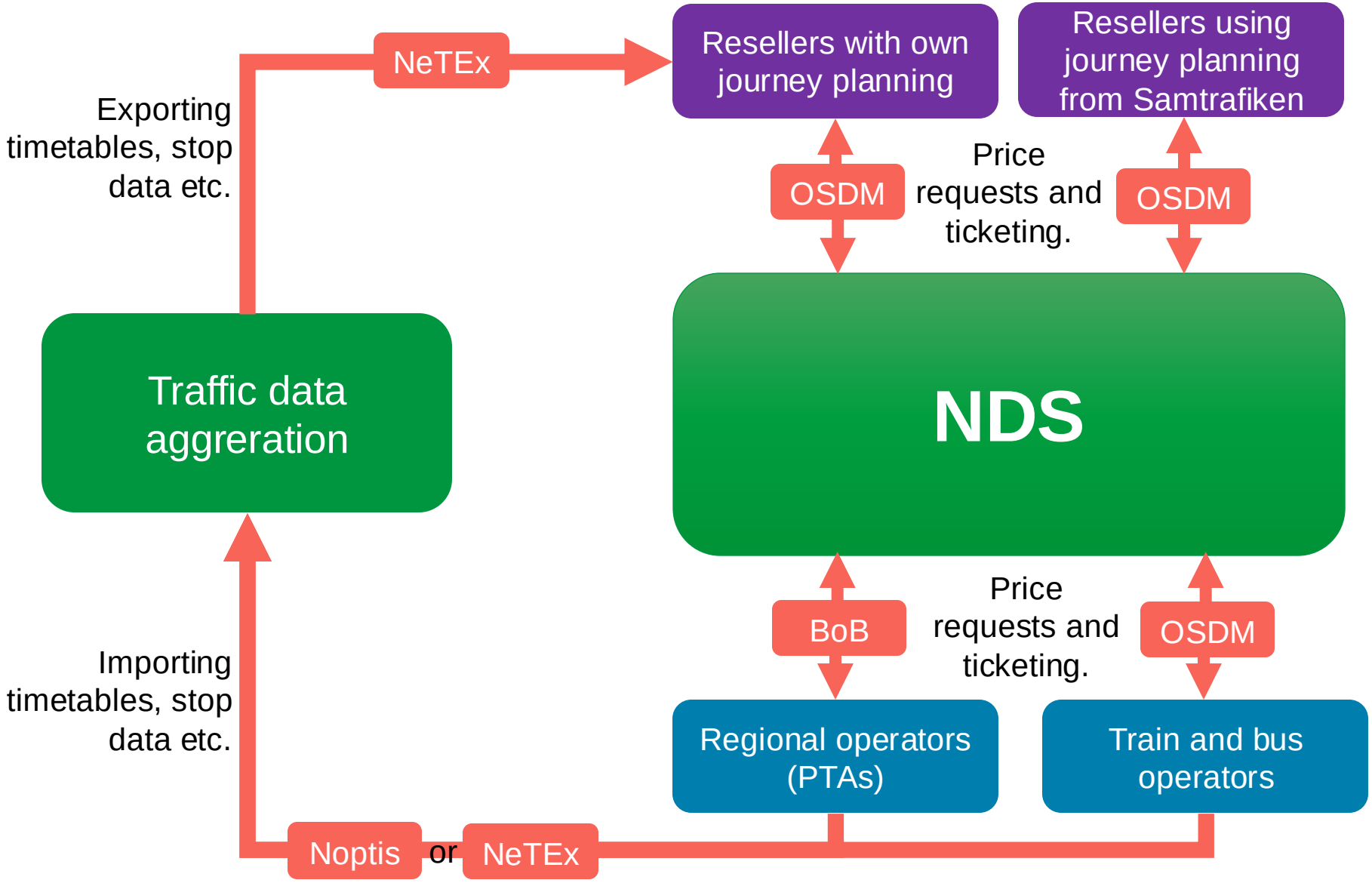

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Why NeTEx?

- Open standard regulated by EU for traffic data
- Richer than GTFS and more suited as base for selling tickets
- Data already available as used in the National Access Point (NAP)

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Why SIRI?

(Future implementation)

- Open standard regulated by EU for real time data
- Uses the same data model as NeTEx
- Data already available as used in the National Access Point (NAP)

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Why OSDM?

- Existing and widely accepted standard for pre booked travels including ticketing
- Developed to handle booked travels with specific departure times and reservations which is true for most ResPlus journeys.

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Why BoB?

- Existing open standard for regional public transport implemented by 100% of the Swedish PTAs
- Strong copy protection of mobile tickets
- Developed to handle regional travels with period- and zone-based tickets

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