

Information System for Logistics Process Management in a 4PL Model

Author
Tomáš Bordák

Supervisor
Ing. Jiří Hynek, Ph.D.

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Global 4PL, spol. s r.o.

1 - Transport Order Processing

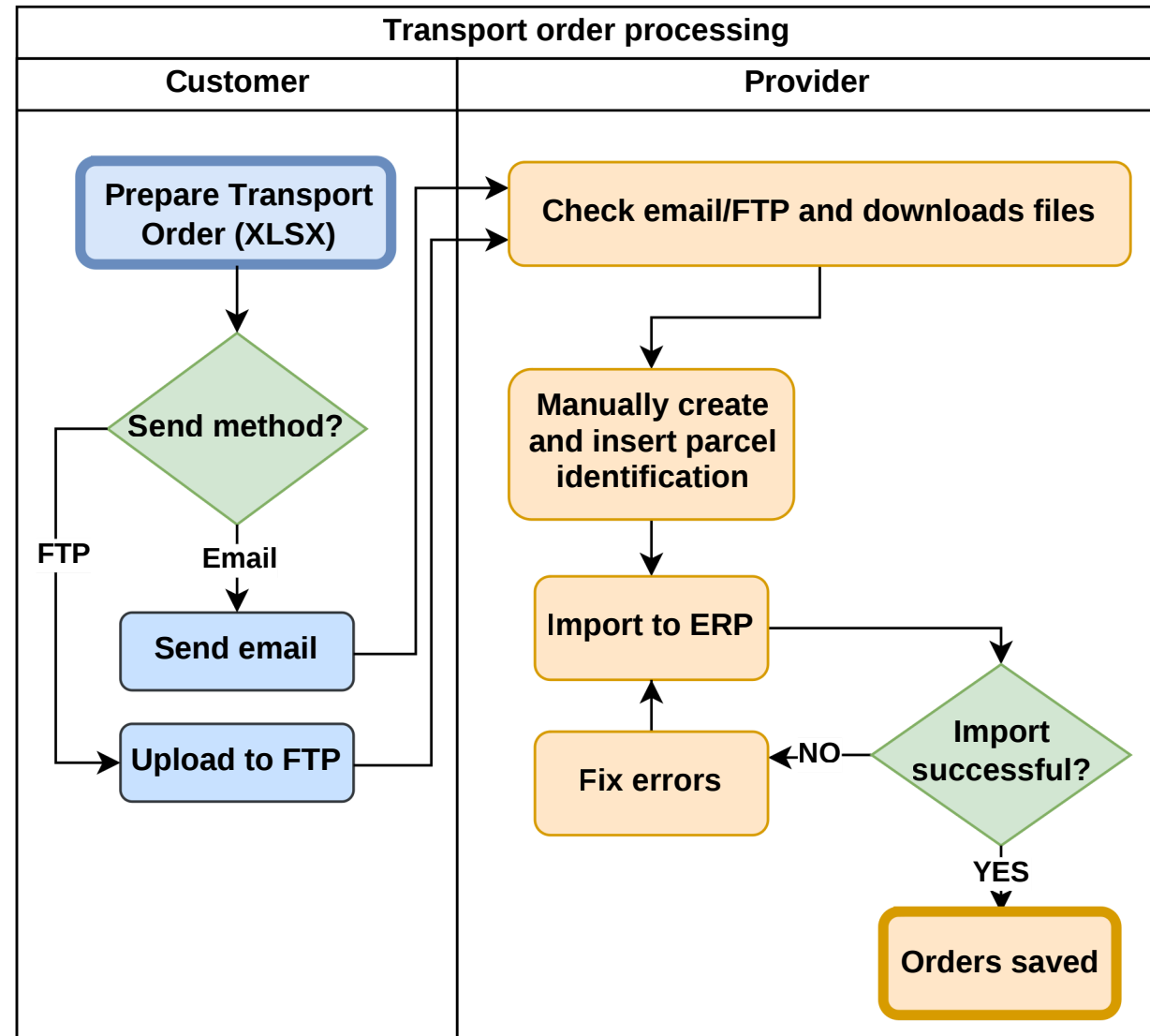


Fig 1: Order Processing (before)

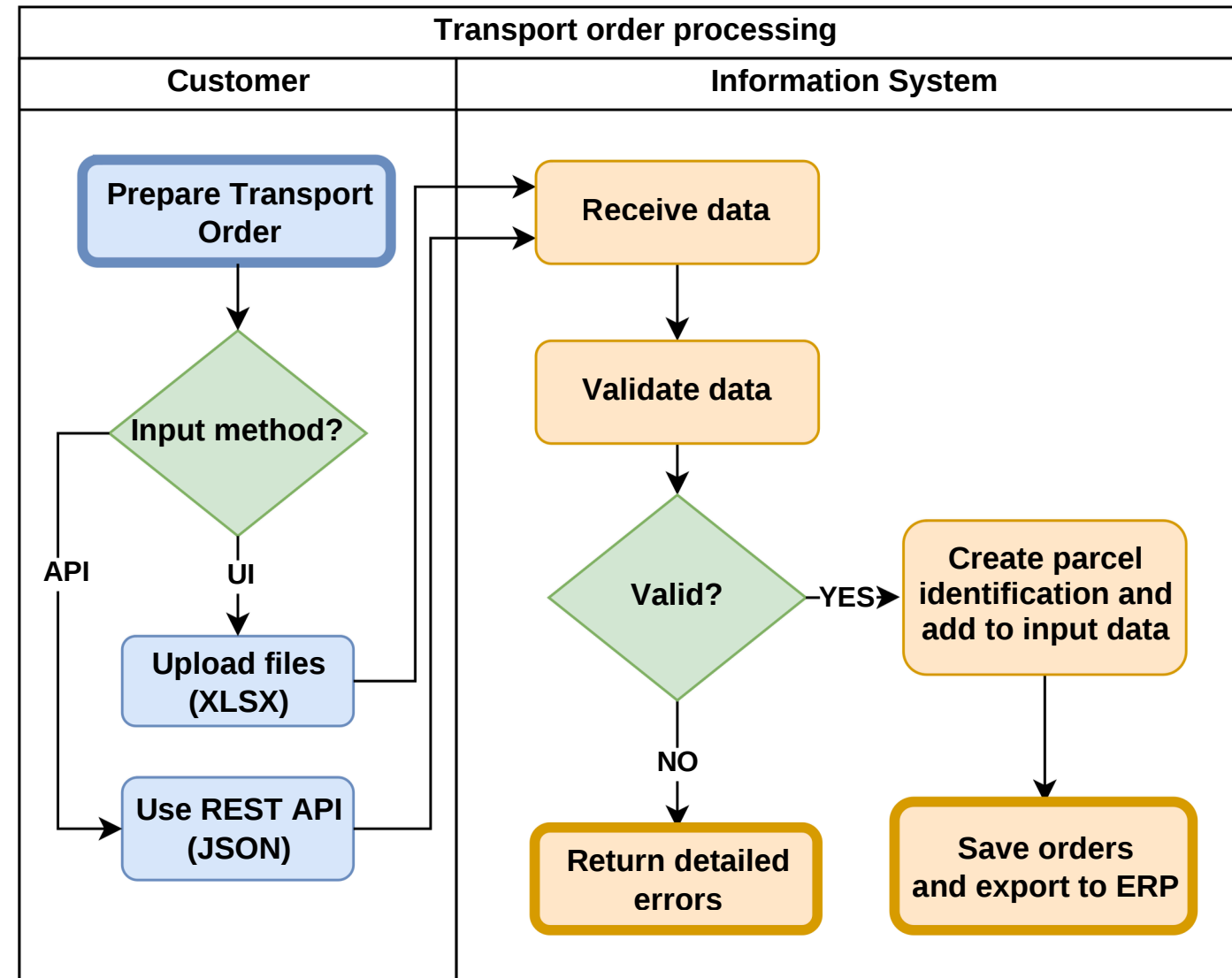


Fig 2: Order Processing (after)

2 - Customer Billing

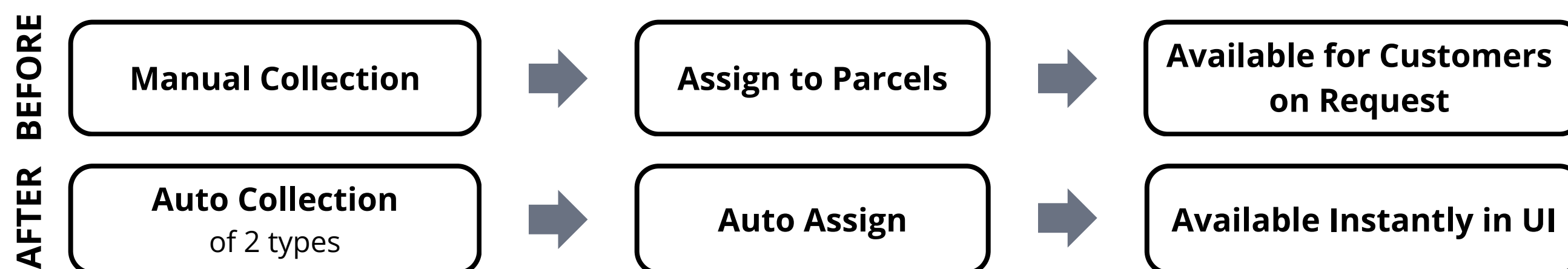
BEFORE

- ~42 documented manual steps
- Multiple different XLSX files
- 2 applications
- High error probability

AFTER

- Zero manual steps
- No XLSX files needed
- All in 1 system
- Low error probability

3 - Transport Documents Processing



4 - Architecture and Technology Stack

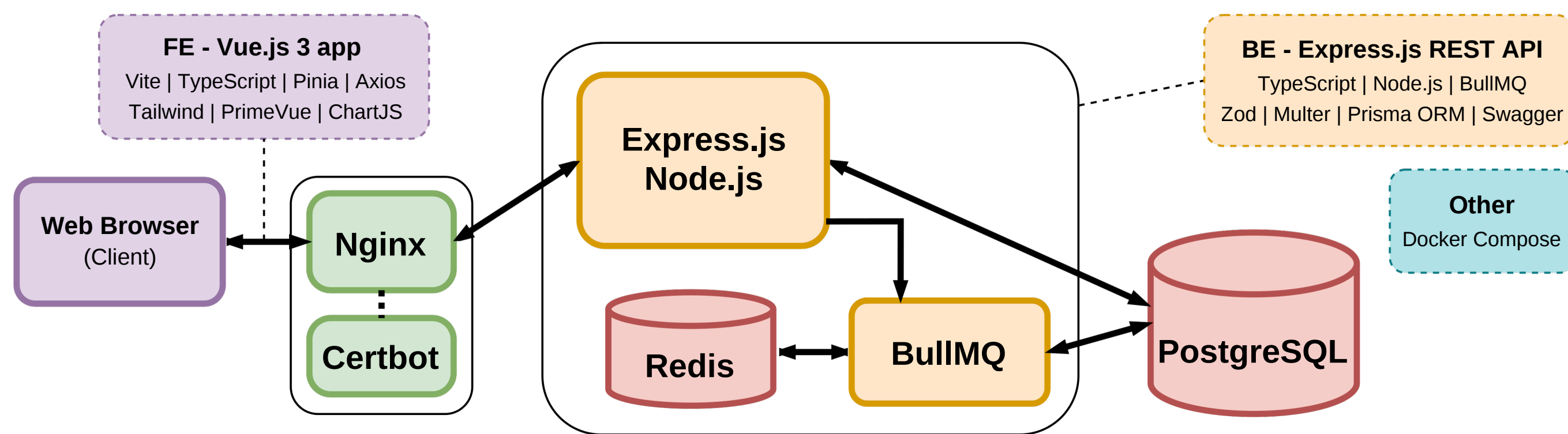


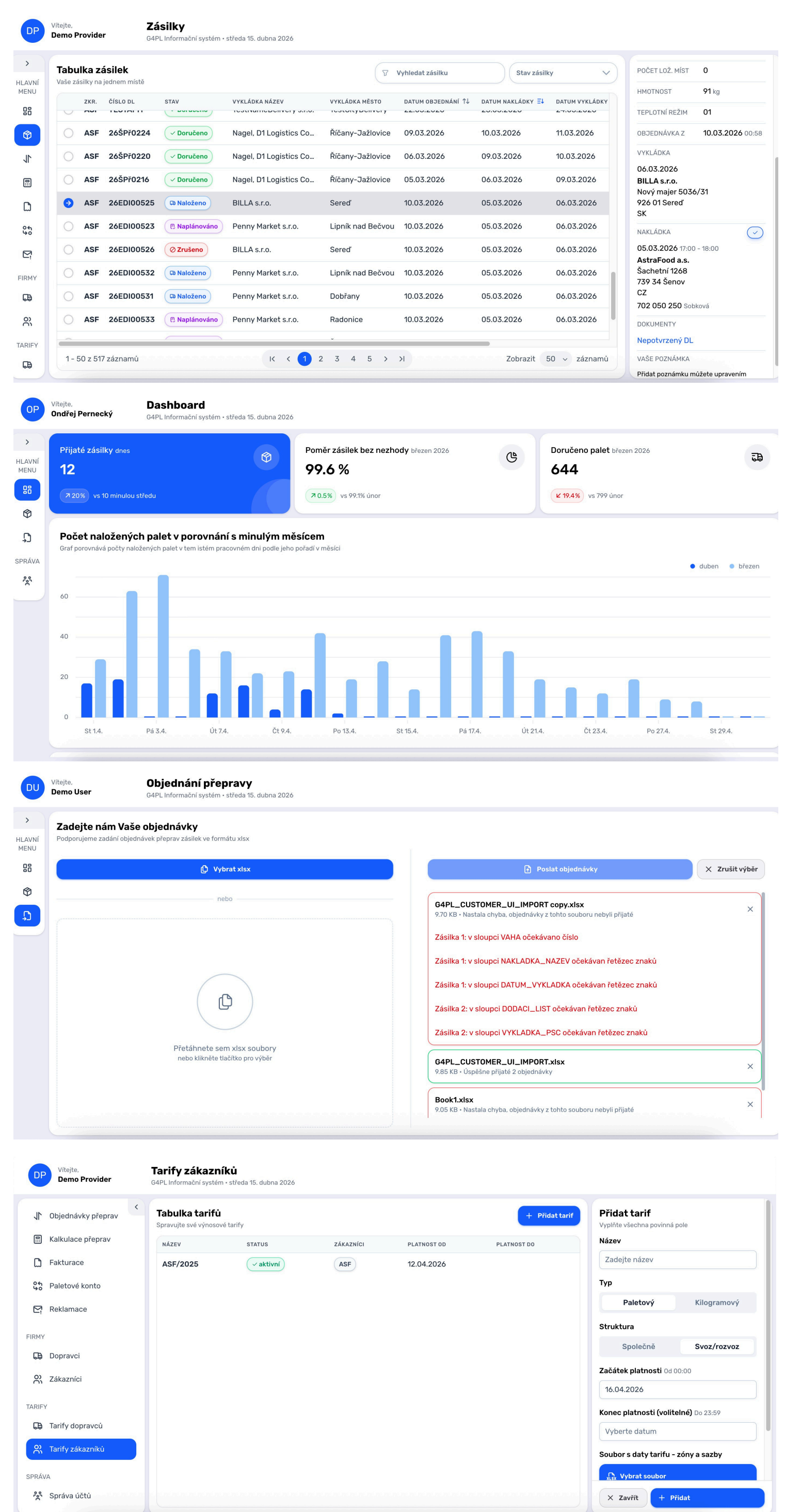
Fig 3: System architecture

7 - Business Results

- Improved Service Quality
- Lower Operational Cost
- Reduced Processing Time
- Scalable Solution

8 - Customers

5 - User Interface



6 - Features

Customers have access to:

- their parcels information,
- transport documents,
- dashboard (KPIs and graphs),
- submit their parcel orders (UI + API).

Provider can:

- manage parcels, tariffs, customers, carriers, billing settings, API keys, users + permissions,
- use automated tariffs status updates by validity period
- use automated parcel's Bill of Lading attachment status updates
- offer simpler order format
- build upon this system and scale

System offers UI and REST API

