TA-8585 REG: ALIGNING CUSTOMS TRADE FACILITATION MEASURES WITH BEST PRACTICES IN CENTRAL ASIA REGIONAL ECONOMIC COOPERATION

CAREC Advanced Transit System prototype

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Purpose and scope

The CATS Prototype is designed to test the use of a single transit declaration, the AEO and Comprehensive guarantee mechanisms within the CATS.

The CATS prototype shall be a stand-alone information system, not connected to the existing Customs ICT systems at the current Prototype pilot stage.

The Prototype is intended to test a number of transit operations between pilot countries. Specific Prototype participants will be selected in coordination with the pilot countries Customs services.
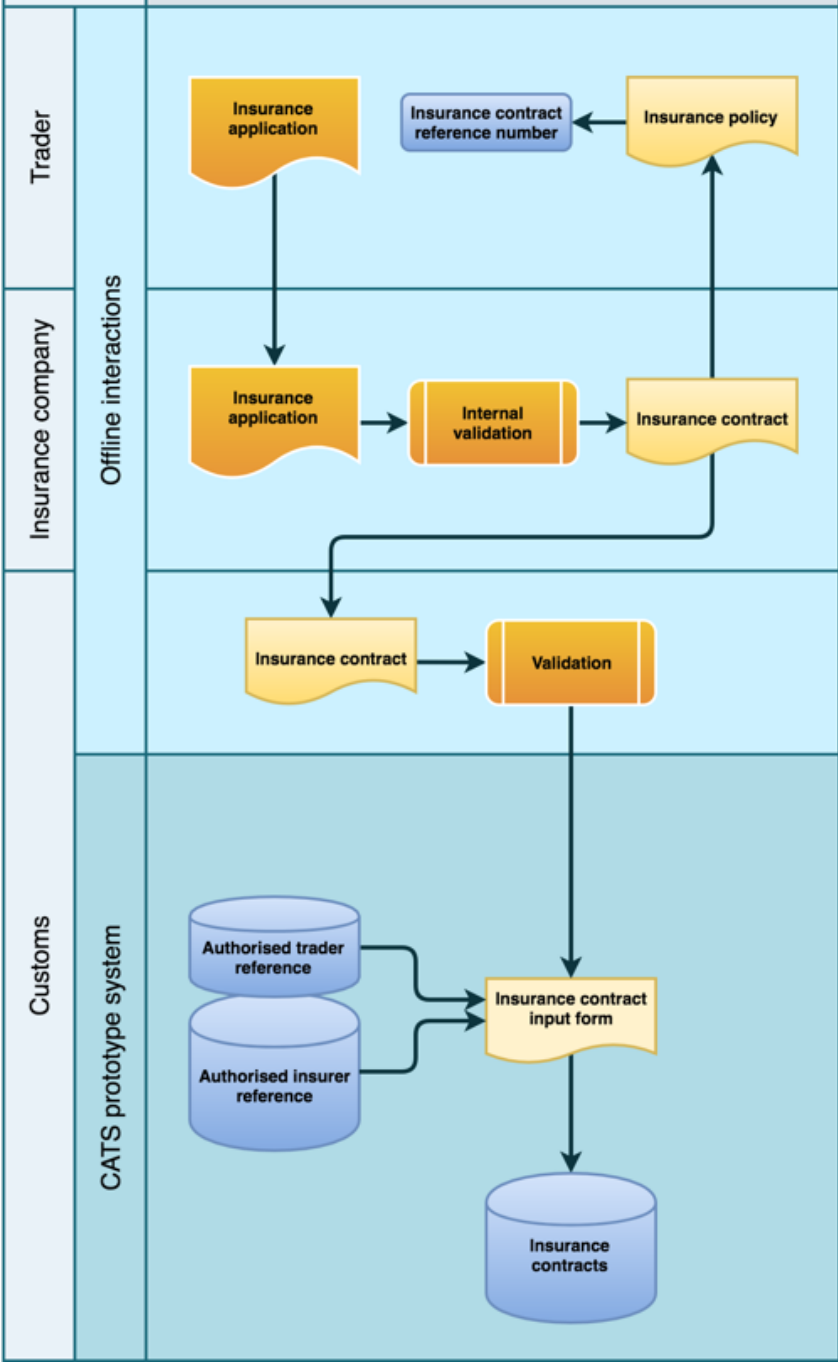
CATS – CAREC Advanced Transit System
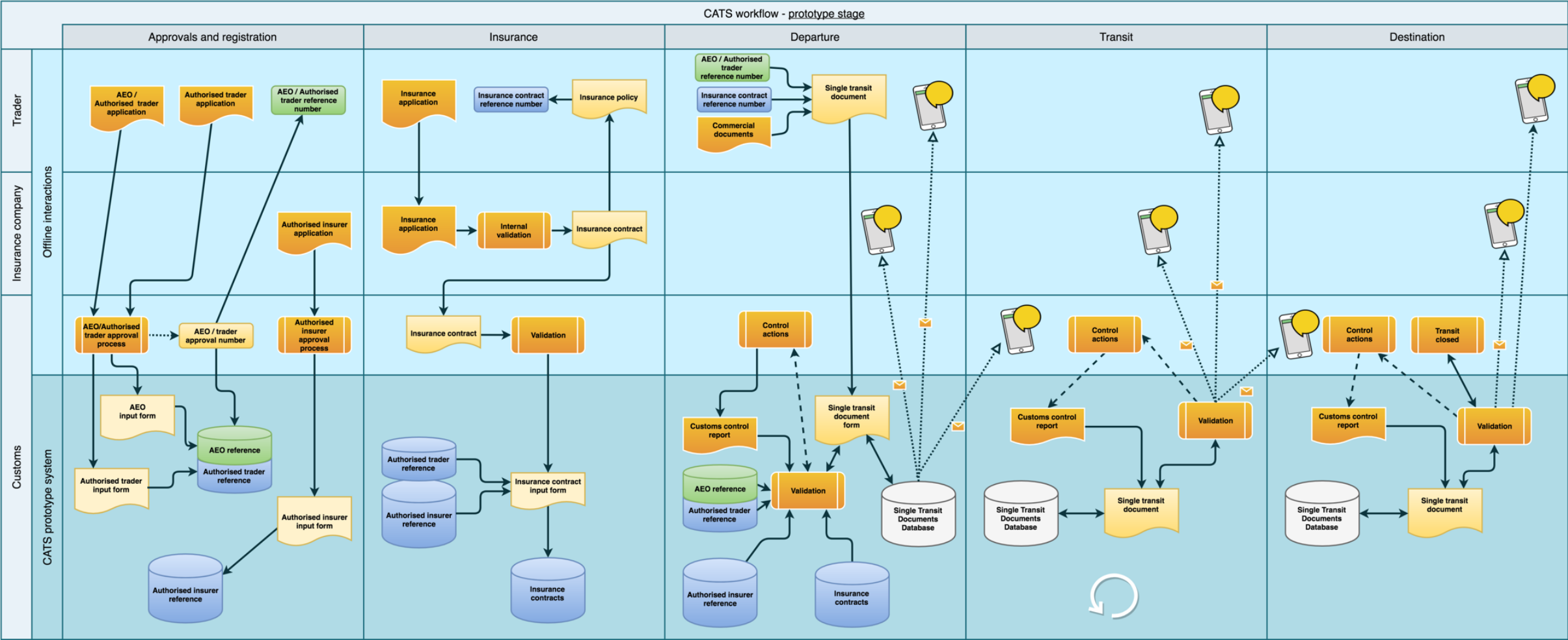
Approval and registration

○ AEO registration

○ Authorized trader registration
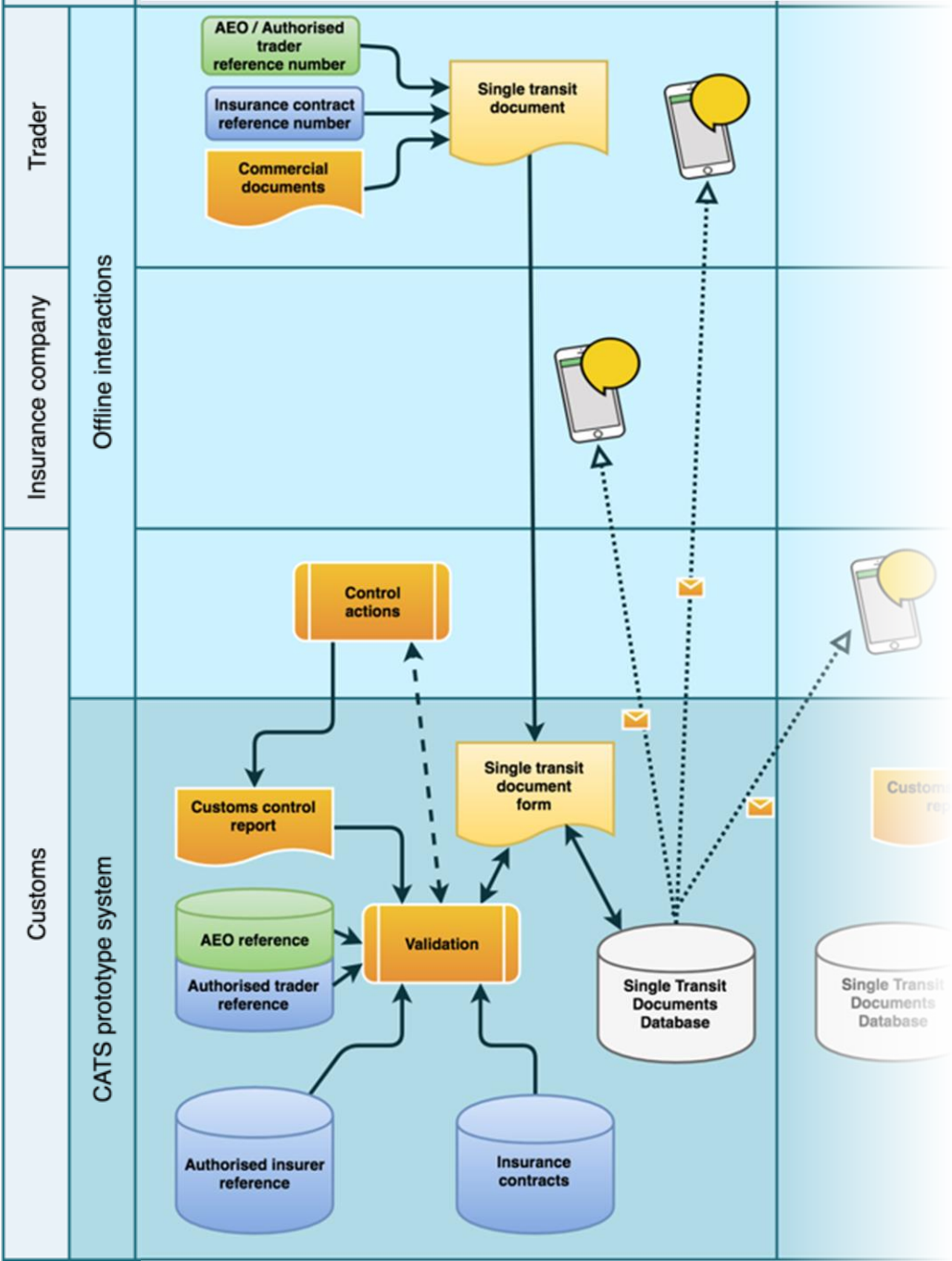
○ Authorized insurer registration
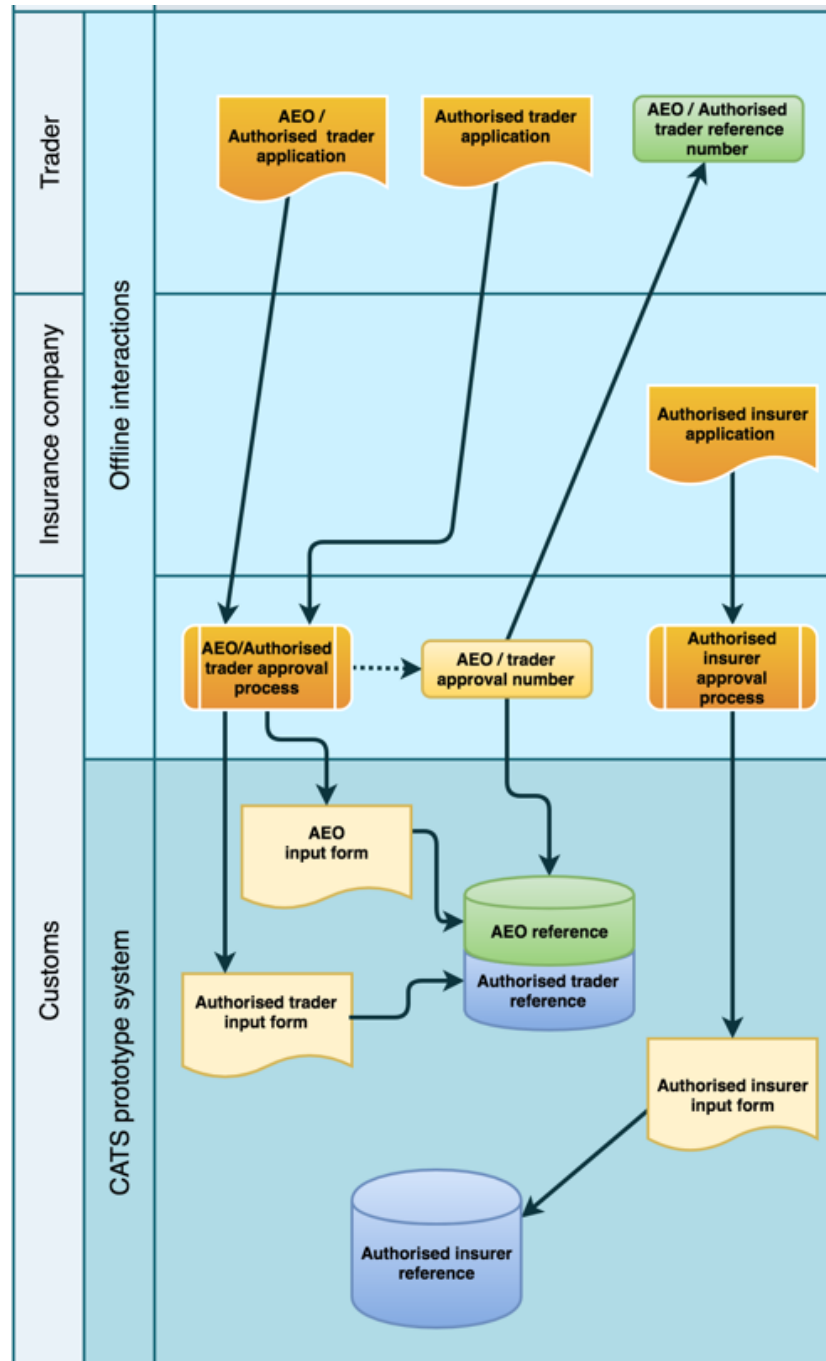
Insurance
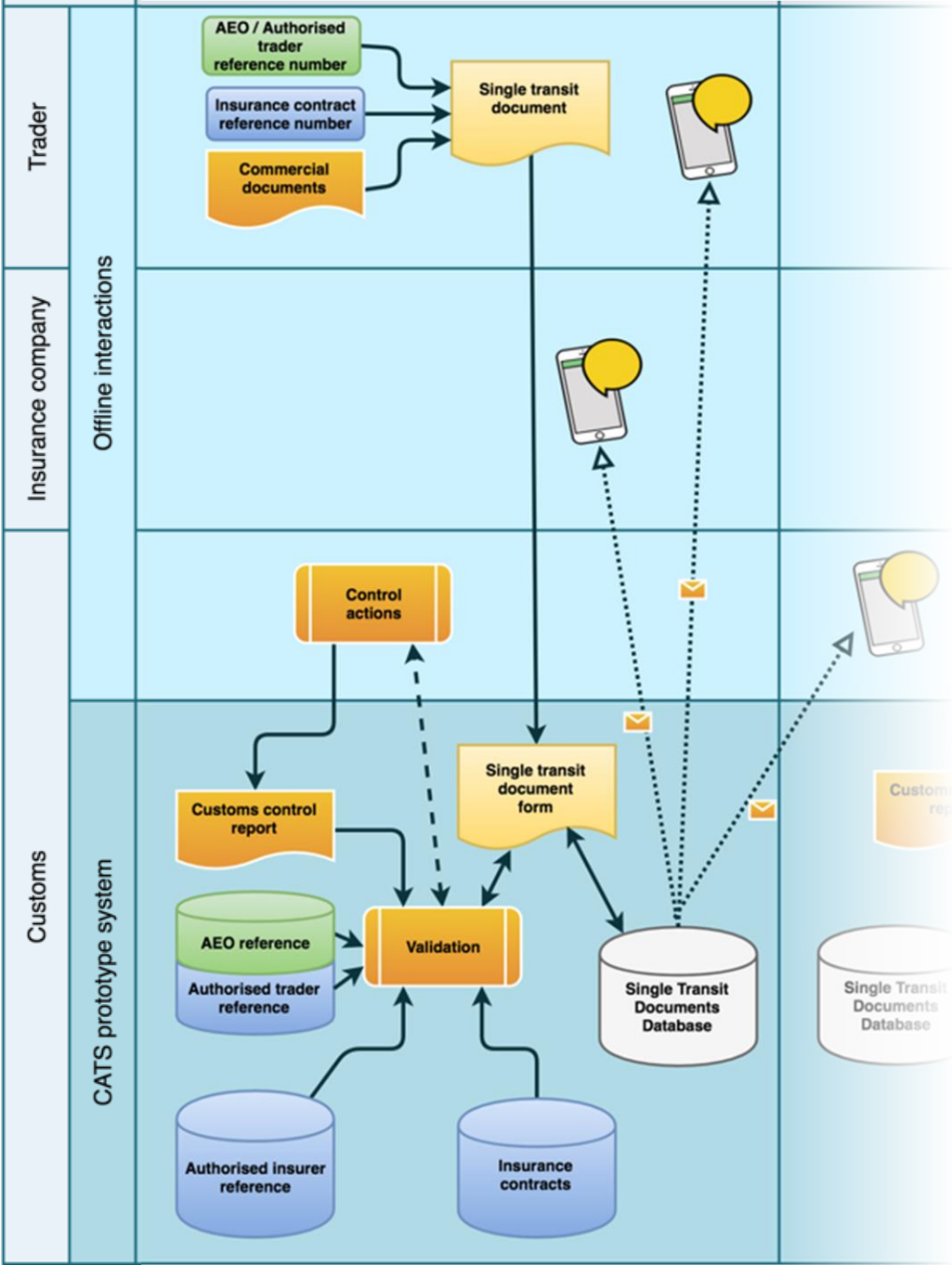
o Insurance contract
approval and registration

Transit office departure

- Single Transit Document submission

- Single Transit Document validation and approval

- Selection of transit declaration for inspection

- Customs control action

- Transit started

Transit office exit

○ Transit

○ Selection of transit declaration for inspection

○ Customs control action

○ Transit proceeded

Transit office entry

o Single Transit Document validation and approval

o Selection of transit declaration for inspection
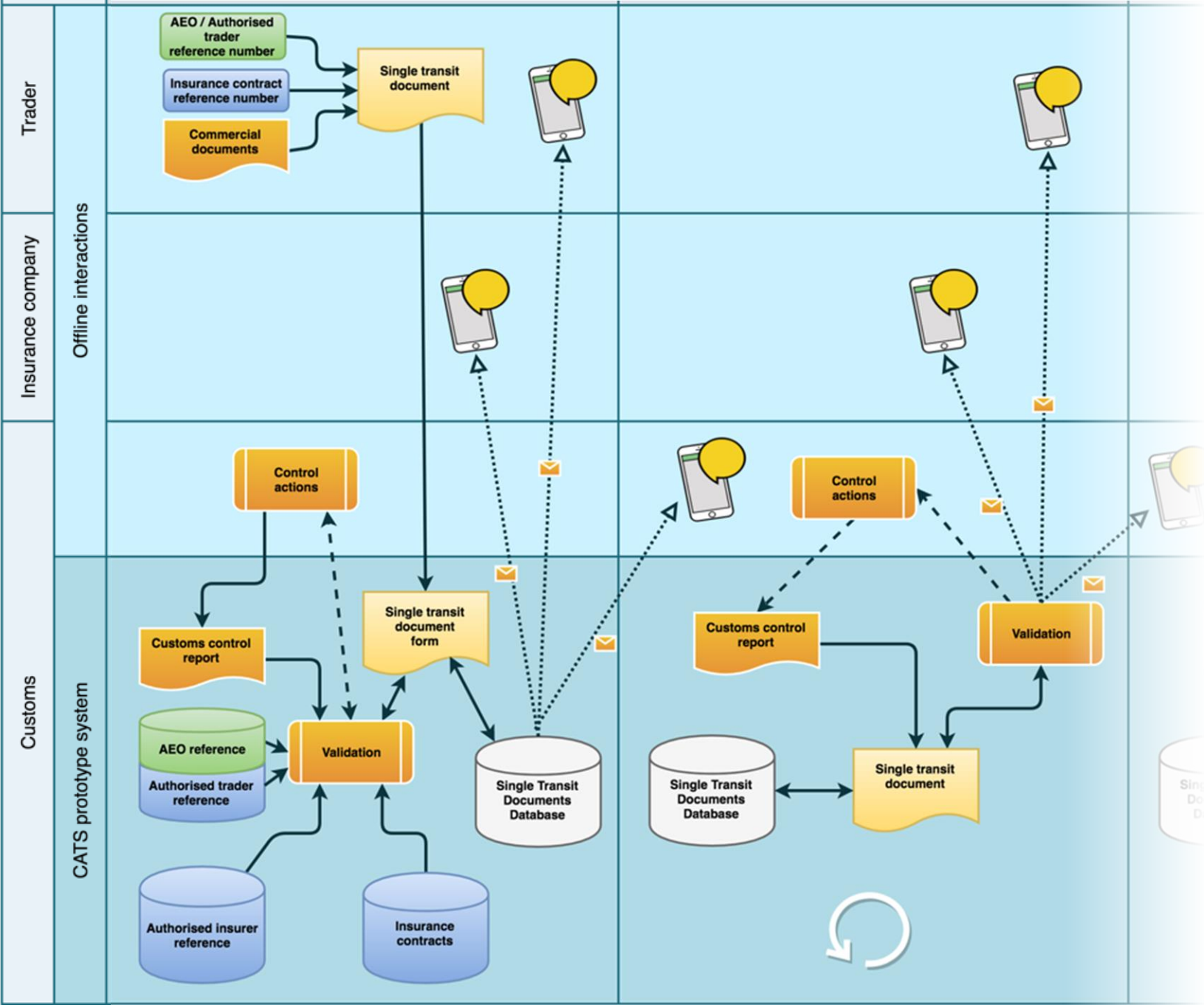
o Customs control action

o Transit proceeded

Office of destination

- Single Transit Document validation and approval
- Customs control action
- Transit completed
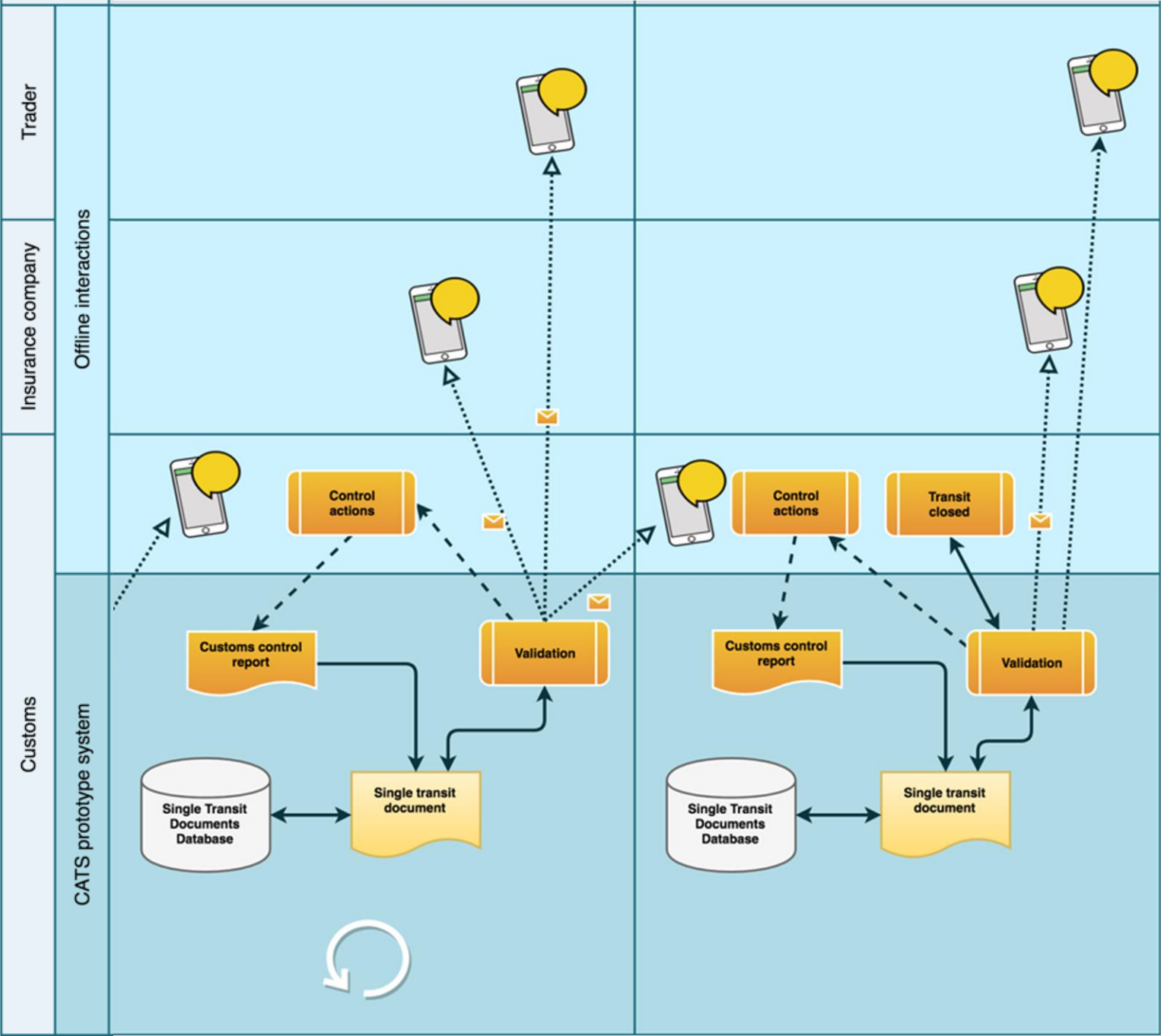
Data model

The CATS prototype data model is based on the EU's NCTS's transit declaration system data model with adaptions to take account of specific CATS requirements.
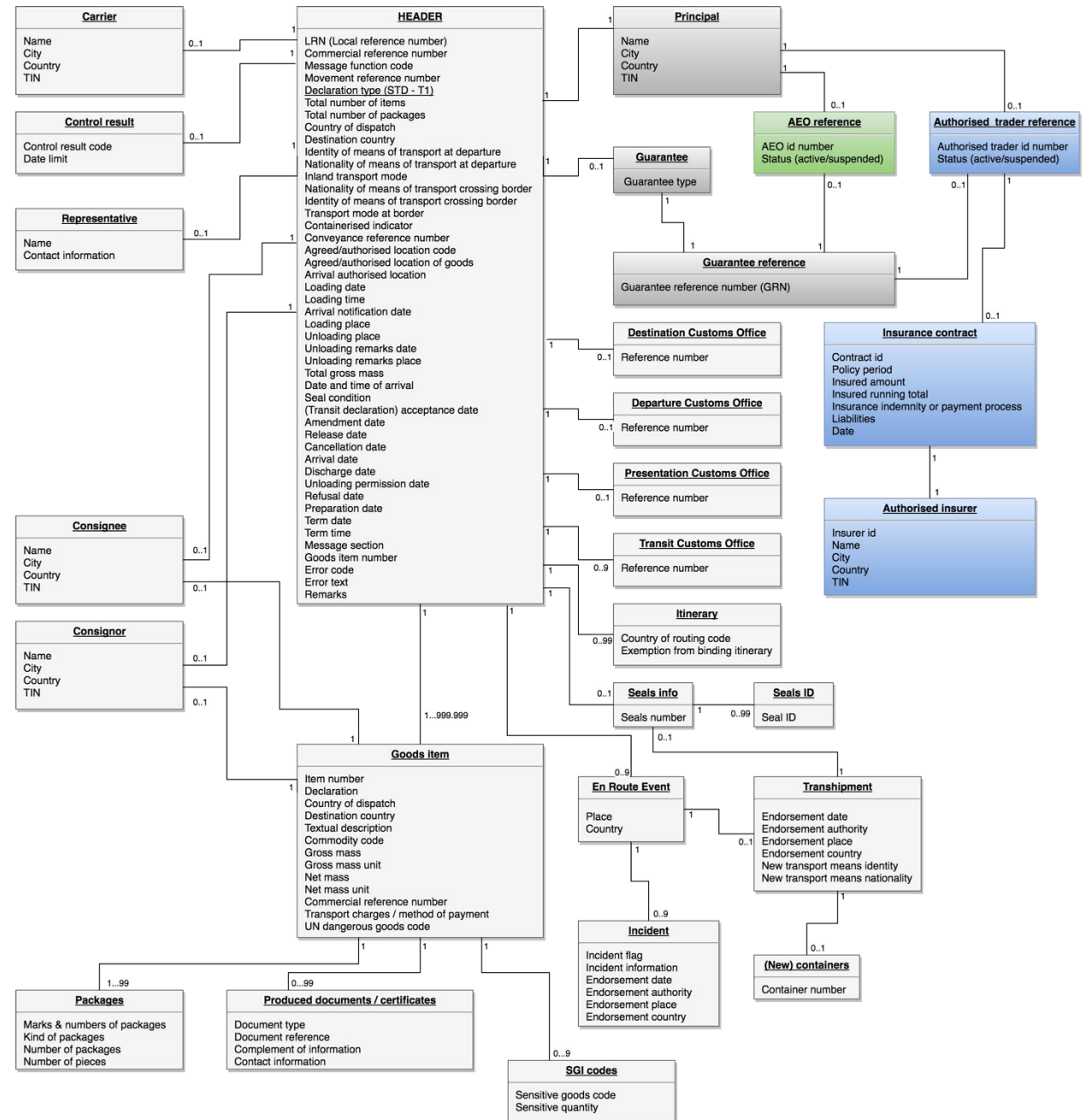
CATS-specific references

- Customs offices reference

- AEO reference

- Authorized trader reference

- Approved insurer reference

- Insurance contract reference

- Transit route country codes

- CATS Prototype restricted goods list
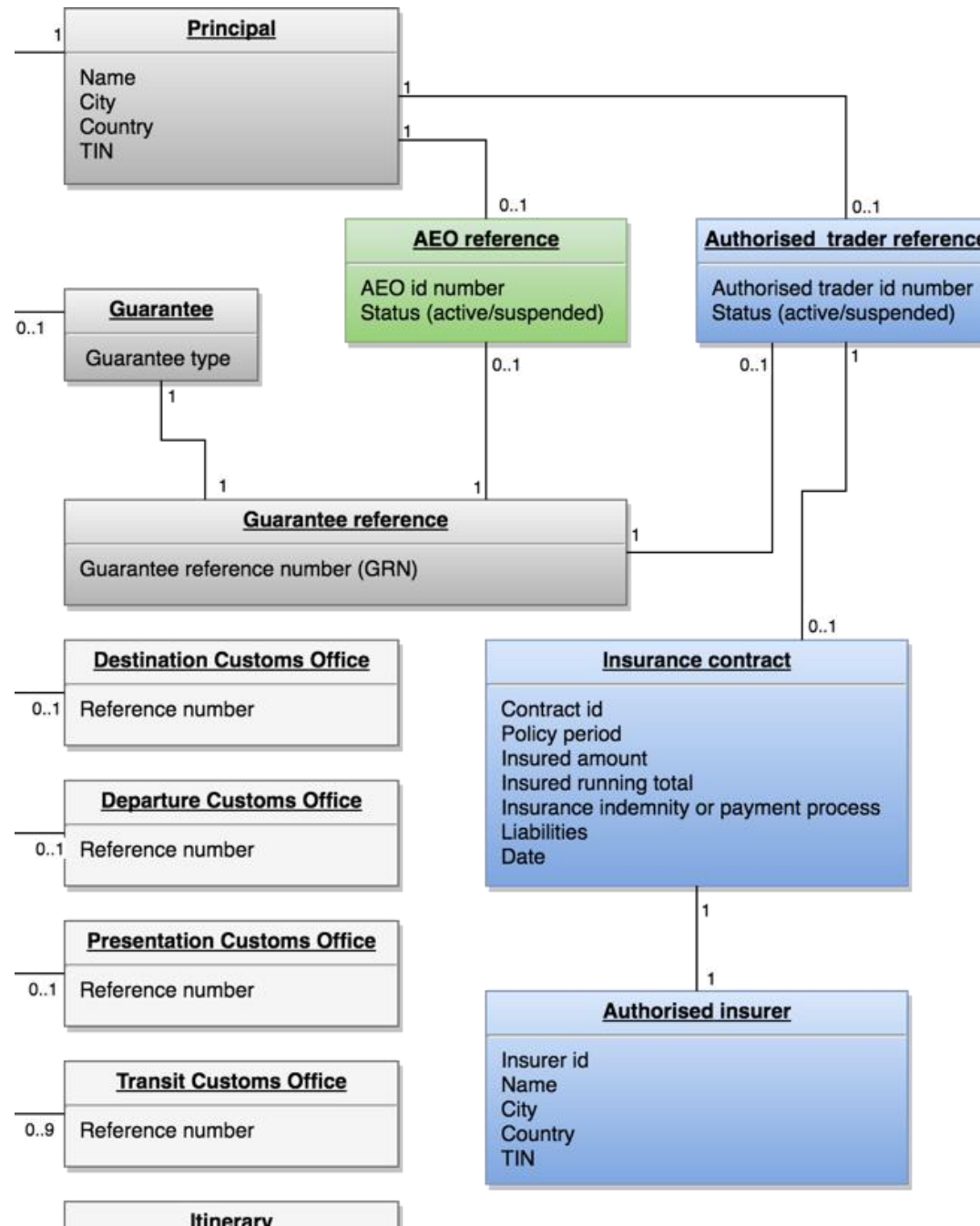
Users and interfaces

Access to the the CATS prototype shall be carried out from a unified interface built on web technologies. Data transfer between the CATS prototype and authorised user interfaces and all data exchange between CATS shall be carried out via secured protocols.
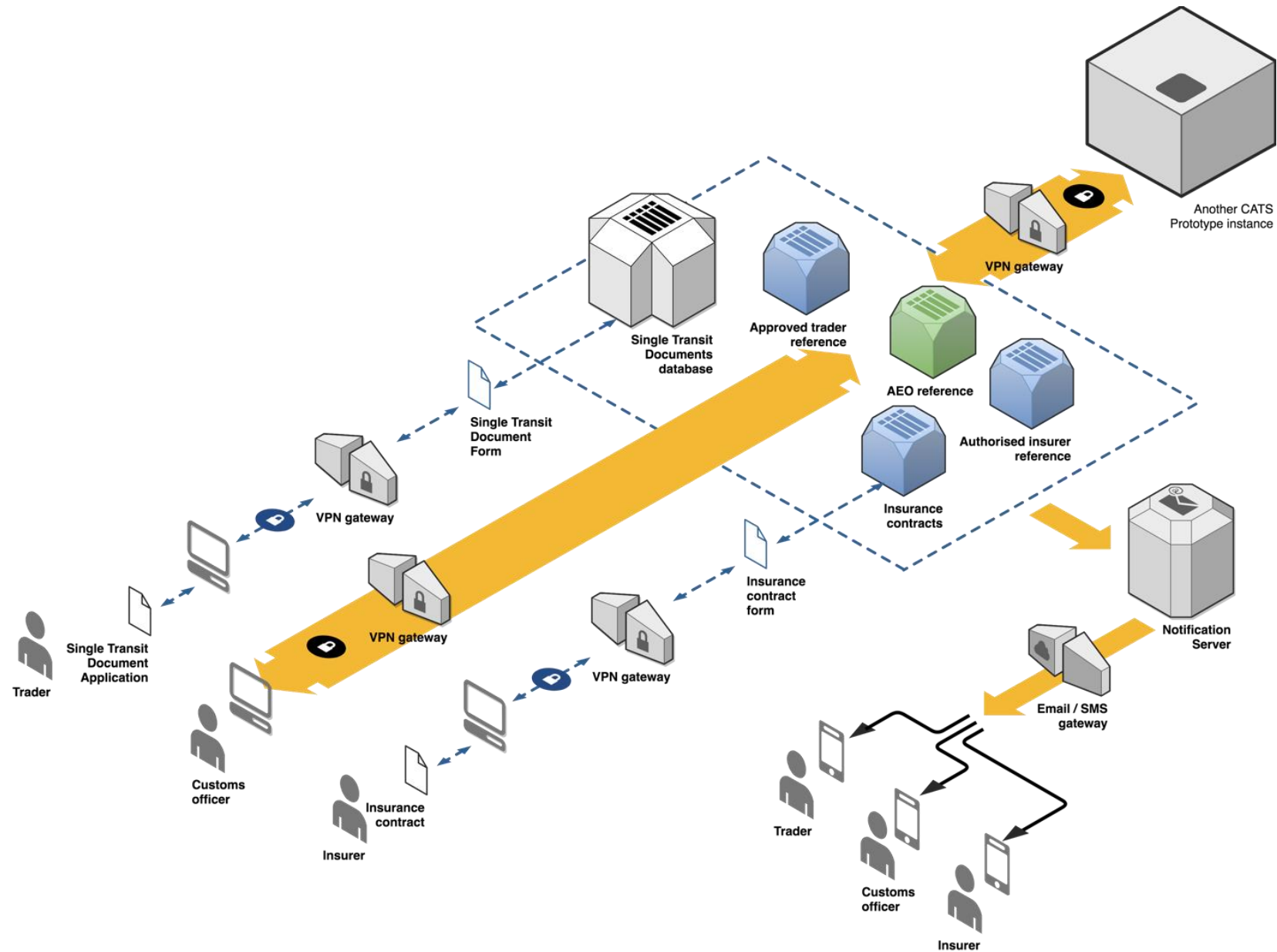
Customs officer

An Authorised Customs officer has access to all functions and interfaces provided by CATS prototype except the administrative functions.

Trader

An economic operator (AEO or an authorised trader) is able to submit an electronic Single Transit Document application. They have no access to the database, except to the STD submission interface, STDs status, and insurance contract status. However, economic operator, registered in the CATS prototype, will receive notifications on the progress of each transit operation.
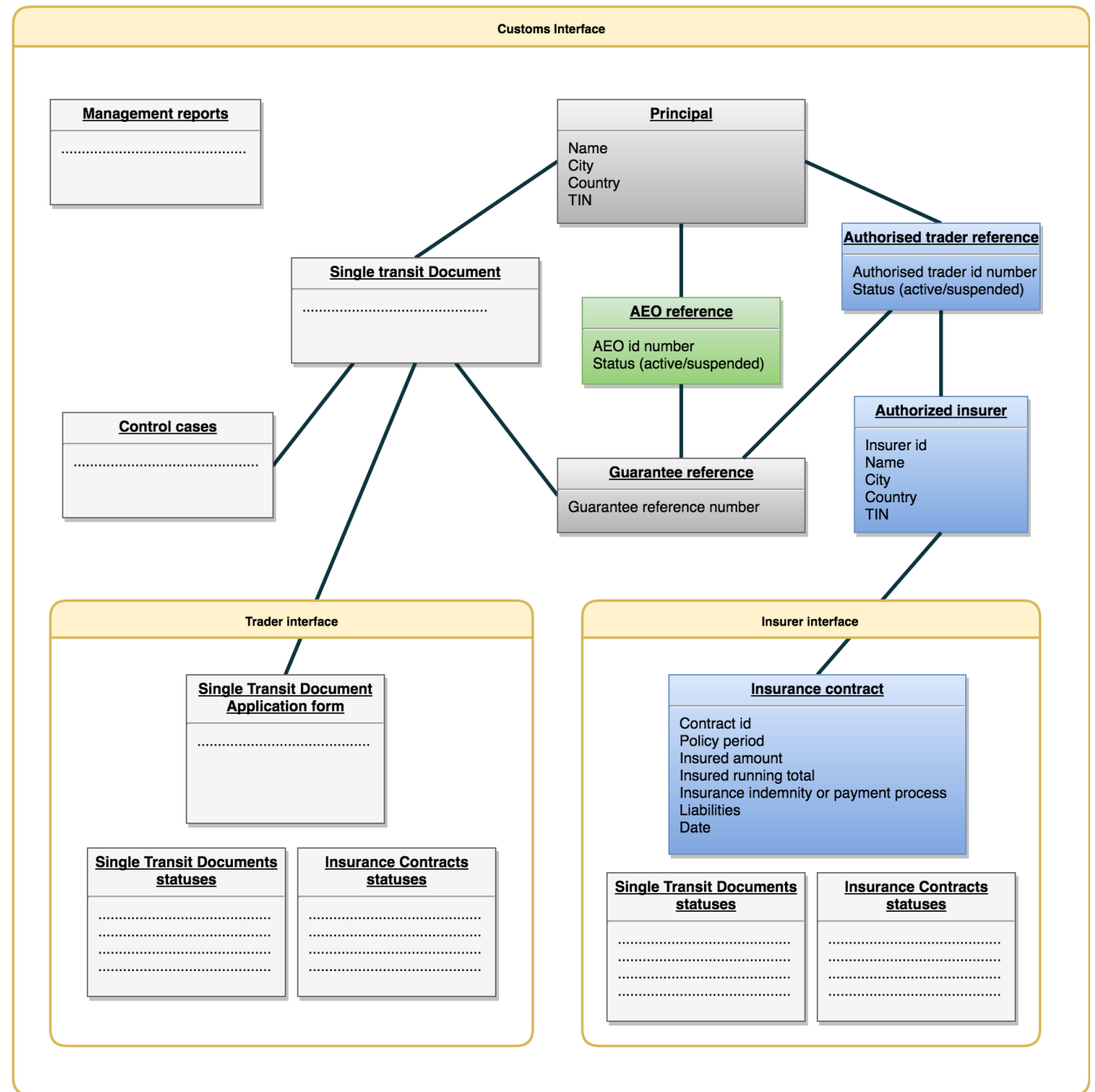
Trader interface

Single Transit Document Application form

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Single Transit Documents statuses

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Insurance Contracts statuses

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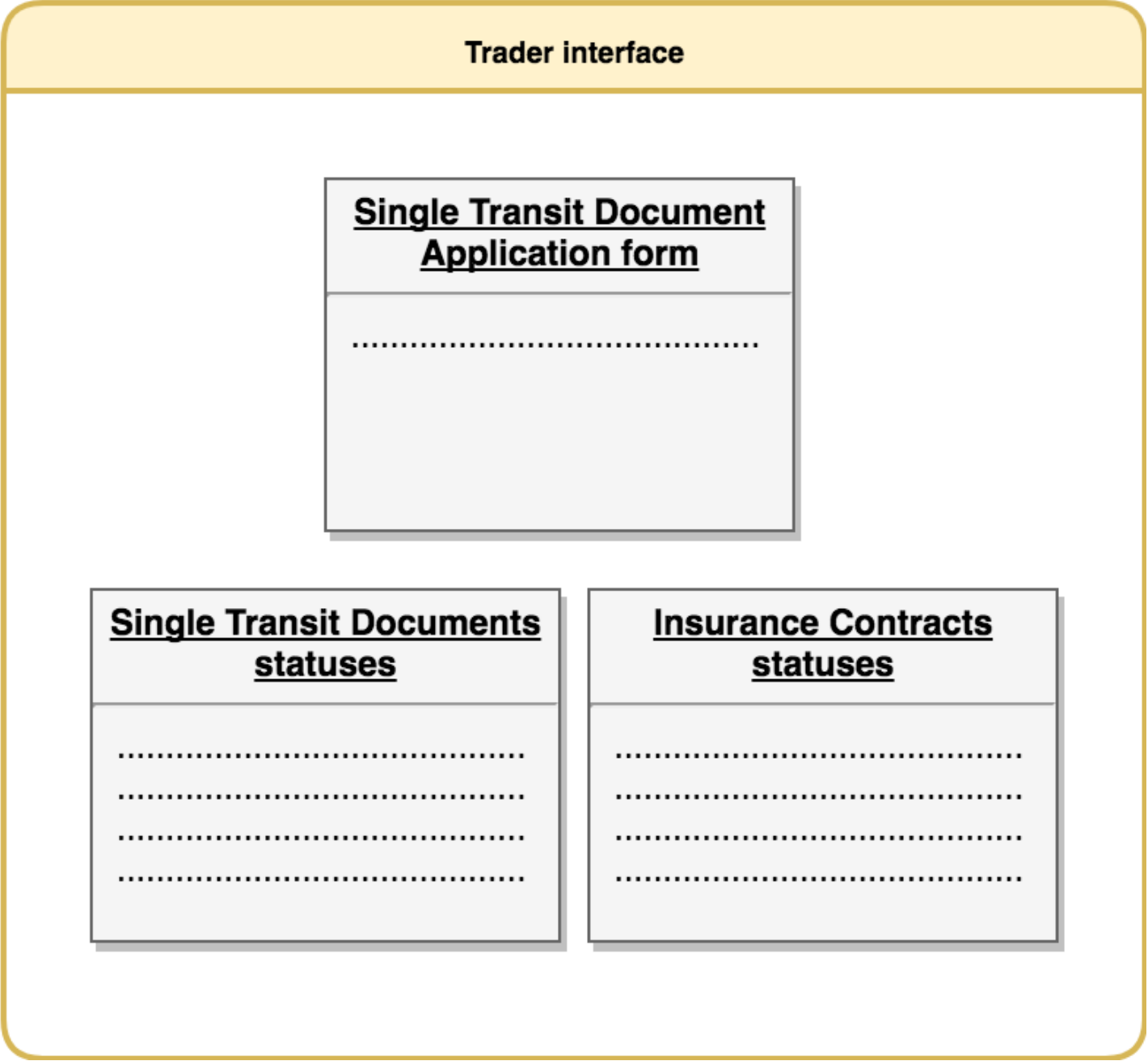
Insurer

An authorised insurer/bank is able to submit a comprehensive guarantee. The authorised insurer/bank has no access to the database, except to the gurantee submission interface and contract status, including the usage of the comprehensive guarantee sum. However, the authorised insurer/bank, registered in the CATS prototype, will receive notifications on the progress of each transit operation.


Insurer interface

Insurance contract

Contract id
Policy period
Insured amount
Insured running total
Insurance indemnity or payment process
Liabilities
Date

Single Transit Documents statuses

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Insurance Contracts statuses

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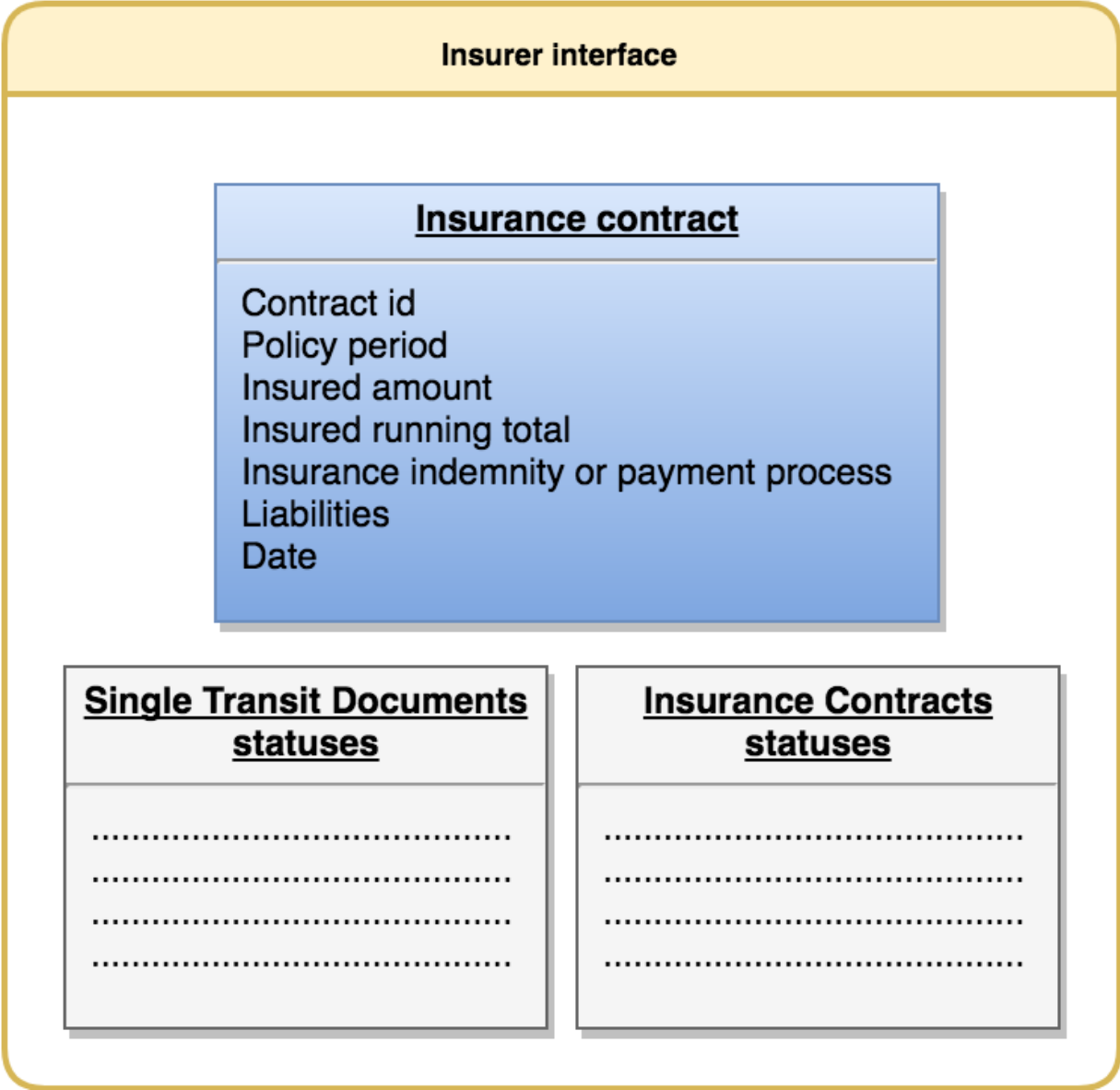
Administrator

CATS prototype administrator is responsible for user management and CATS-specific references. Administrator has exclusive access to system administration functions.

CATS prototype Administrator interface

User management

Customs offices reference

CATS Prototype restricted goods list
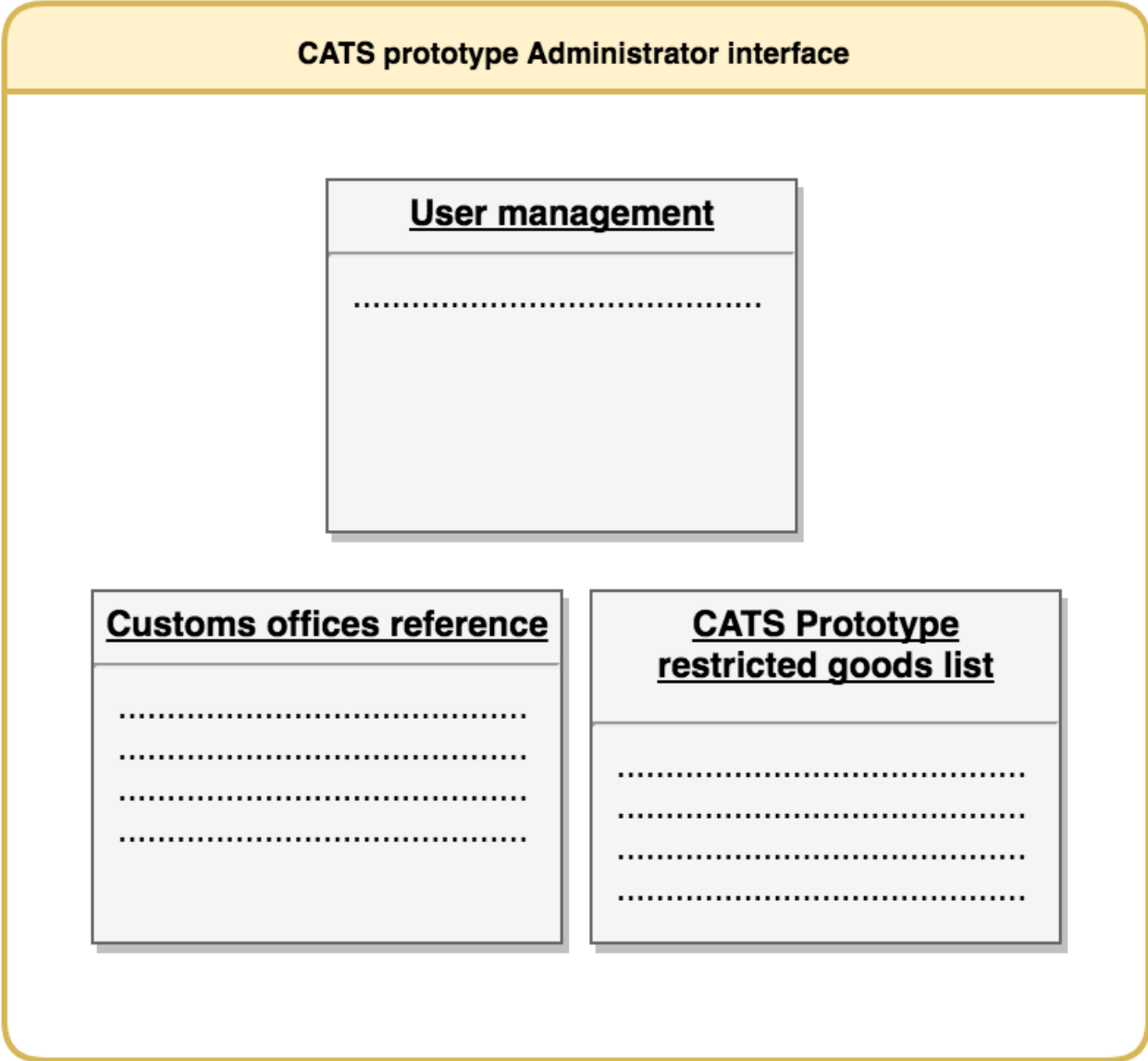
Constraints, assumptions and dependencies

Legal constraints

Parallel IT systems usage

CATS prototype paperless workflow

Specific requirements

Functional requirements (by user roles)

Customs officer

Trader

Insurer

Specific requirements

Internationalization and localization
- Interface translation
- Terms translation
- National conventions, such as time zones, will also be taken into account.
- Fields translation (multi-language models/fields)

Software interfaces
- Communications interfaces
- VPN gateways
- Notification server, notification gateway

Specific requirements

Report generation system
- ◦ Management reports
- ◦ Statistical reports
- ◦ Custom reports

Users manuals

User training

End-users support