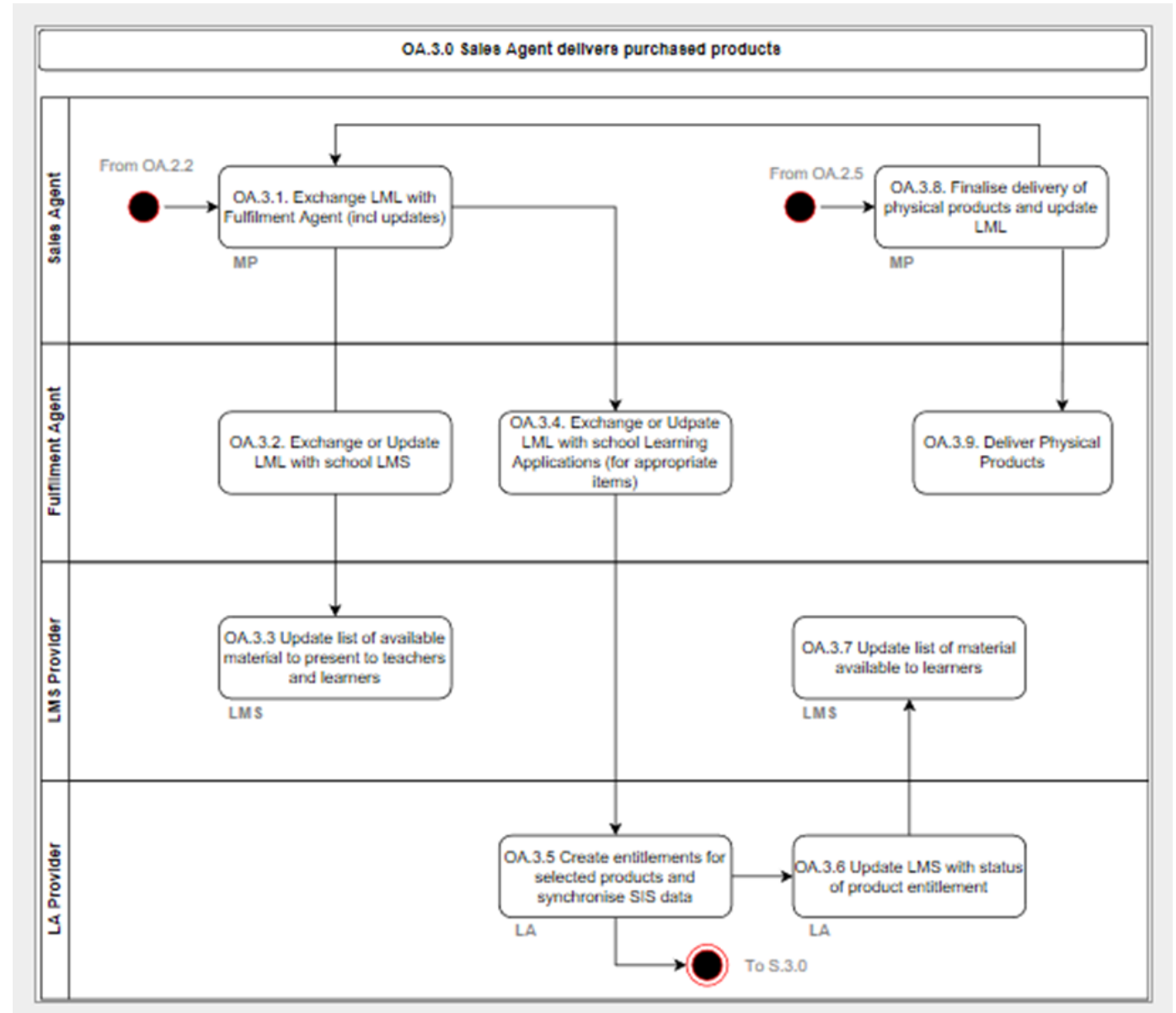
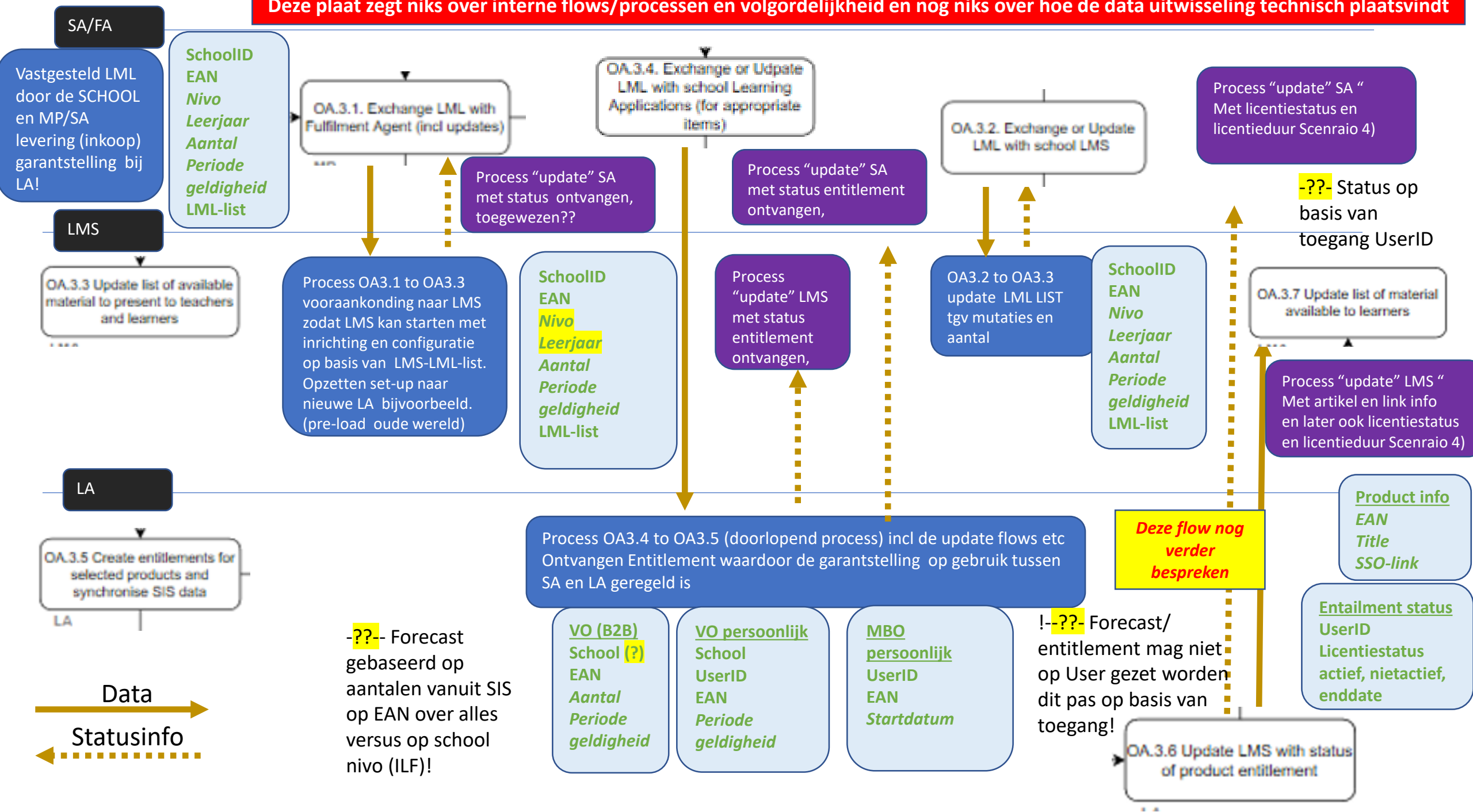


Proof Of Concept SEM: Stream Finance & Admin

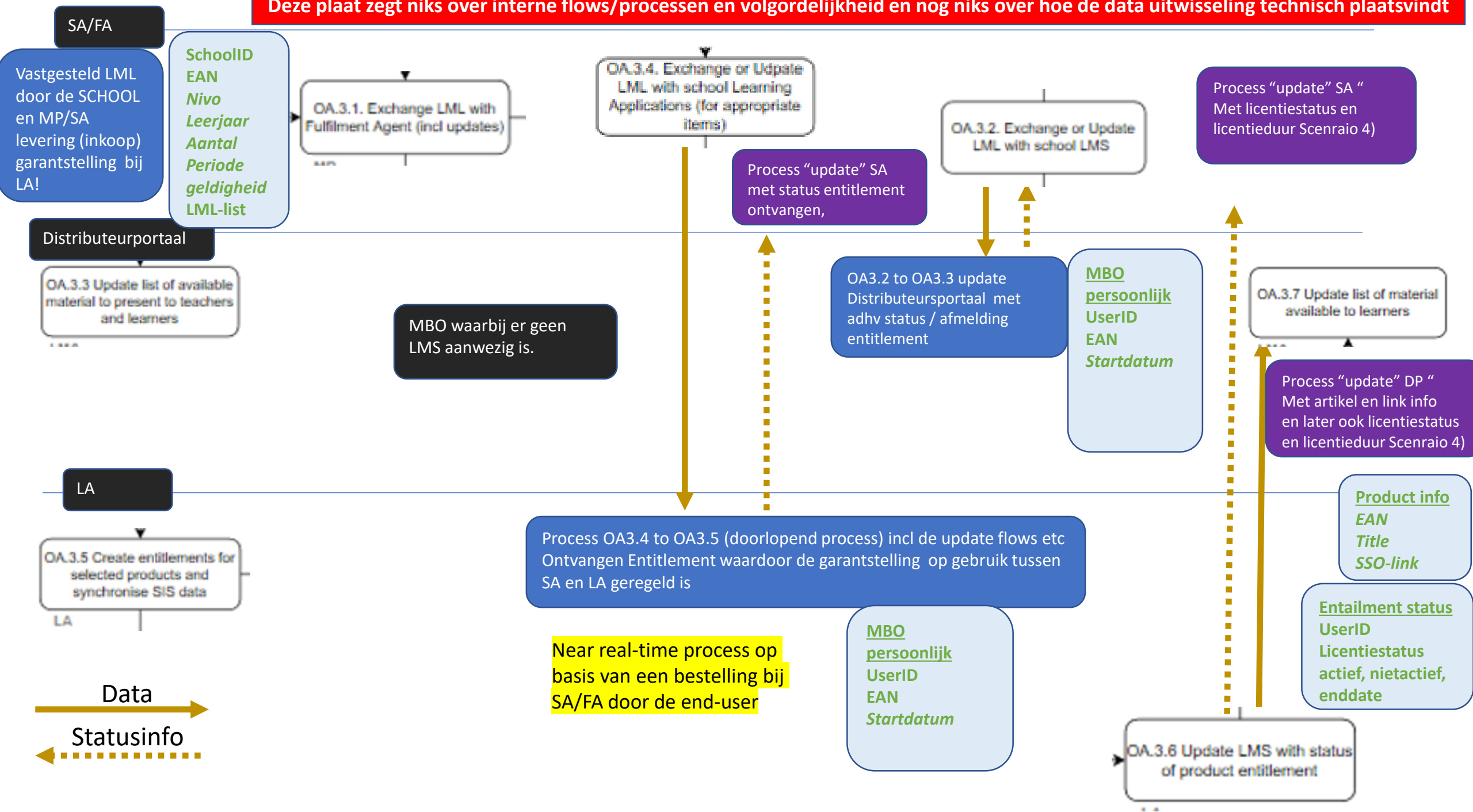
Dataflow
working process
EVD 200701



Deze plaat zegt niks over interne flows/processen en volgorde en nog niks over hoe de data uitwisseling technisch plaatsvindt



Deze plaat zegt niks over interne flows/processen en volgorde en nog niks over hoe de data uitwisseling technisch plaatsvindt



Model van “toegang”

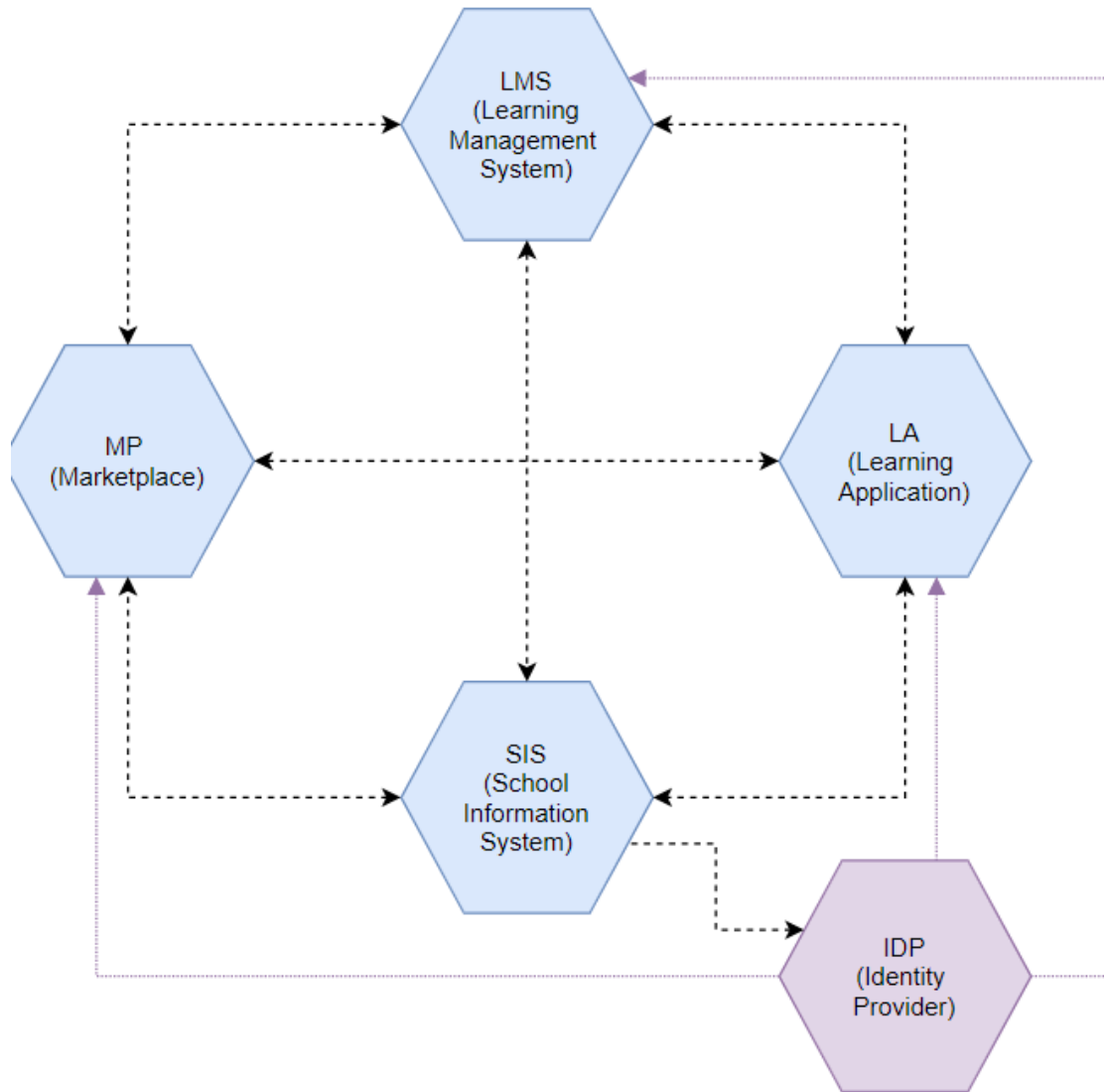
1. SA ← LA stuurt periodiek factuur wat op basis van toegang gekoppeld kan worden aan de SA = *catalogusniveau*
2. SA – school ← idem maar dan in relatie tot de school
3. SA - School – product ← ← idem maar dan met product erbij
4. SA - School – product – aantal ← idem maar bij aantal bereikt dan geen toegang meer

Transparantie houdt in dat over de stand van de toegang /verzilvering van licentie krijgen de LMS en MP inzicht. Met uitzondering van punt 1

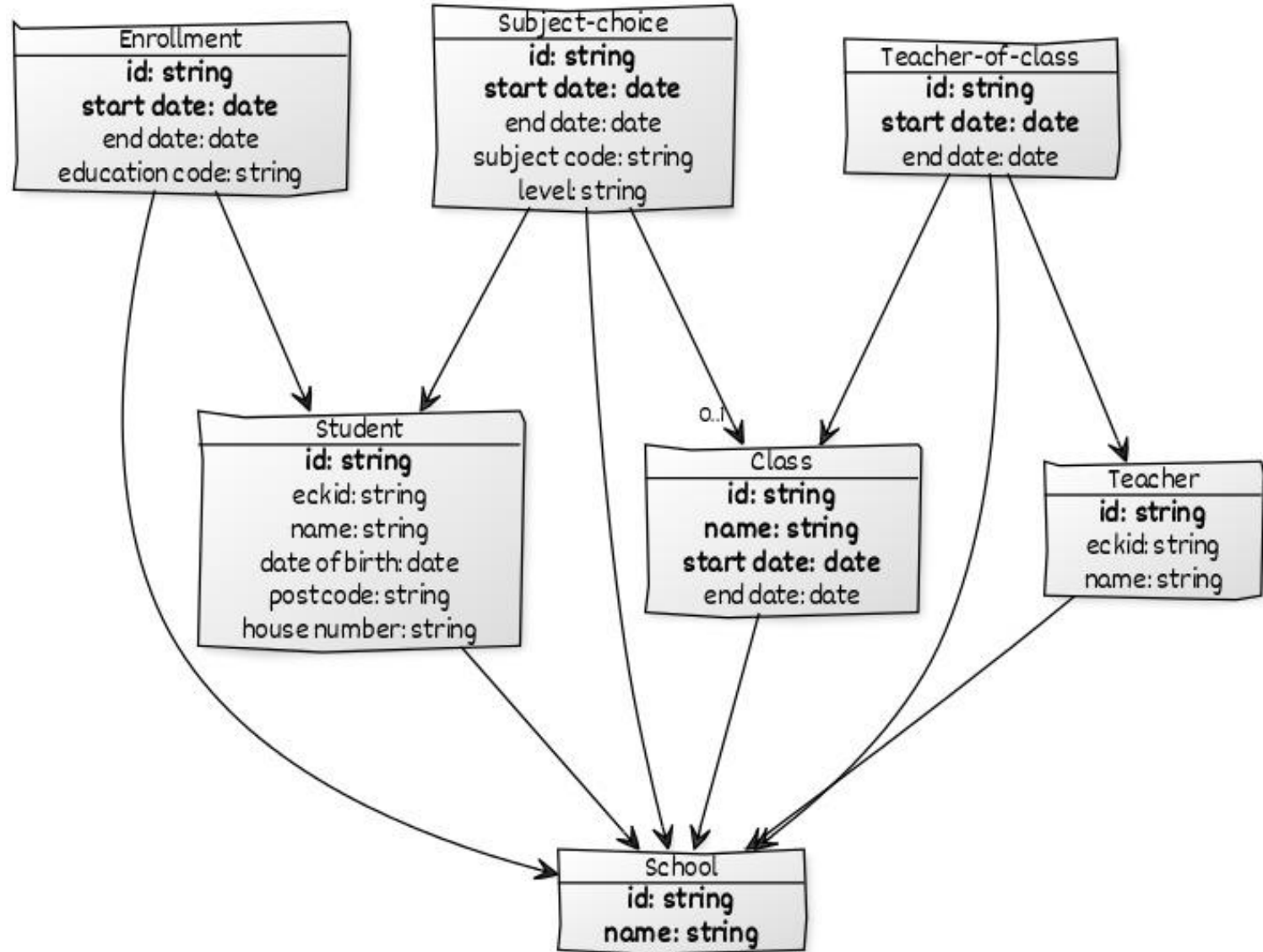
SEM Prototype

The particular mapping of this specification is as follows:

| API Definition | Service Provider | Services Consuming |
|--------------------|------------------|--------------------|
| Events | all | all |
| Webhooks | all | all |
| SIS Data | SIS | MP, LA, LMS |
| Catalogue Data | LA | MP, LMS |
| Entitlements | MP | LMS, LA |
| Usage | LA | MP, LMS |
| Progress & Results | LA | MP, LMS |



SEM Datamodel



Entitlement message by technologie

Path Parameters

`id` `string`

Specific identifier of an entitlement.

Responses

● 200

OK

Schema

`Entitlement` {9} The core object that expresses information about a product th... optional

`start` `string` required+2

`end` `string` required+1

▶ `product` `Product` {4} A product that can be accessed after being purchas... required

▼ `entitlee` `oneOf` required

▶ `School` {4} optional

OR

▶ `Individual` {4} Information about an individual who has an entitlement... optional

▶ `model` `BusinessModel` {3} The model under which the entitlement has b... required

`quantity` `integer` optional+2

`id` `string` required+1

`status` `string` The status of the entitlement required+3

`marketplace` `string` The marketplace that provided the entitlement. required+1

Entitlement Product definition

Responses

● 200

OK

Schema

Entitlement {9} The core object that expresses information about a product th... optional

start **string** required+2

end **string** required+1

▼ **product** **Product** {4} A product that can be accessed after being purchas... required

ean **string** required

name **string** required

url **string** required

vendor **string** Short name for a specific vendor, established (along ... required+1

▼ **entitlee** **oneOf** required

▶ **School** {4} optional

OR

▶ **Individual** {4} Information about an individual who has an entitlement... optional

▶ **model** **BusinessModel** {3} The model under which the entitlement has b... required

quantity **integer** optional+2

id **string** required+1

status **string** The status of the entitlement required+3

marketplace **string** The marketplace that provided the entitlement. required+1

Entitlement School and Individual definition

● 200

OK

Schema

Entitlement {9} The core object that expresses information about a product th... optional

start string required+2

end string required+1

▶ product **Product** {4} A product that can be accessed after being purchas... required

▼ entitlee oneOf required

▶ **School** {4} optional

OR

▼ **Individual** {4} Information about an individual who has an entitlement... optional

id string A unique identifier for the purchaser. required

name string The name of the person purchasing. required

email string The email address of the person purchasing, used to... required

eck-id string If needed, the ECK-ID of the individual. optional

▶ model **BusinessModel** {3} The model under which the entitlement has b... required

quantity integer optional+2

id string required+1

status string The status of the entitlement required+3

marketplace string The marketplace that provided the entitlement. required+1

Entitlement BusinessModel

Responses

● 200

OK

Schema

Entitlement {9} The core object that expresses information about a product th... optional

start string required+

end string required+

▶ product **Product** {4} A product that can be accessed after being purchas... required

▶ entitlee oneOf required

▼ model **BusinessModel** {3} The model under which the entitlement has b... required

id string Unique identifier of the business model recognised by bo... required+

name string A description of the business model so it can be displ... required+

description string A longer description of the business model. optional+

quantity integer optional+

id string required+

status string The status of the entitlement required+

marketplace string The marketplace that provided the entitlement. required+