

The Hub

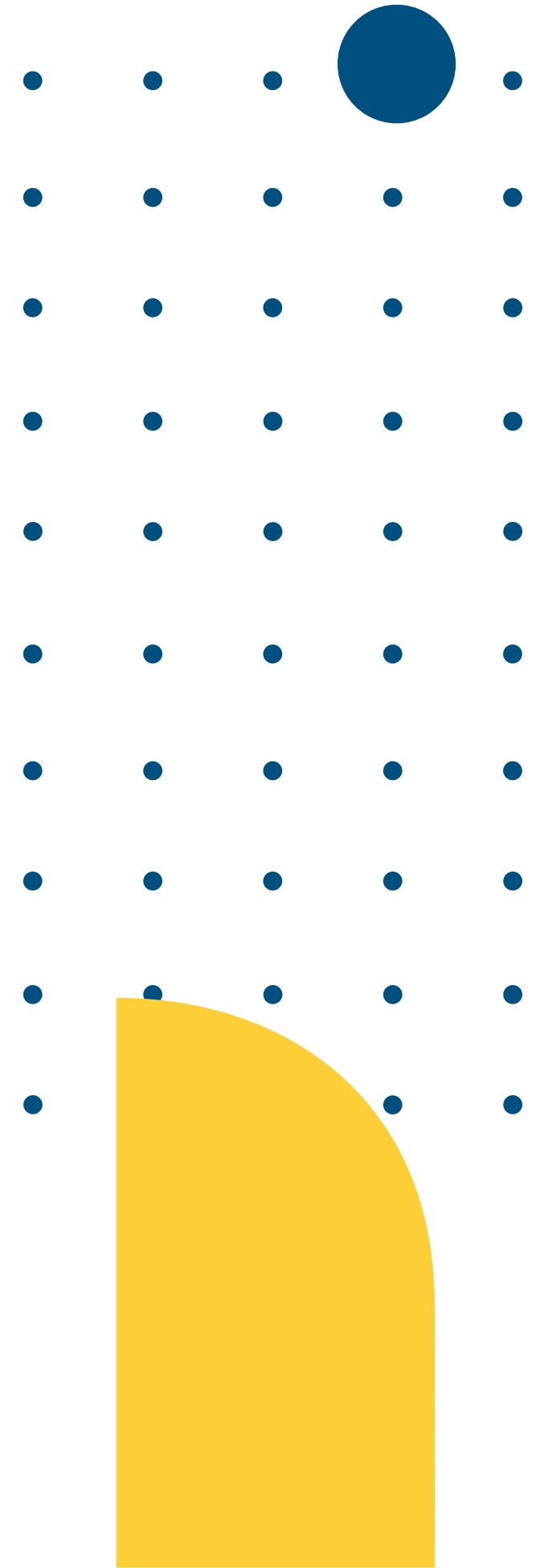
Evolution of the data management system at BTLF and the introduction of ISNI in the book supply chain of Quebec

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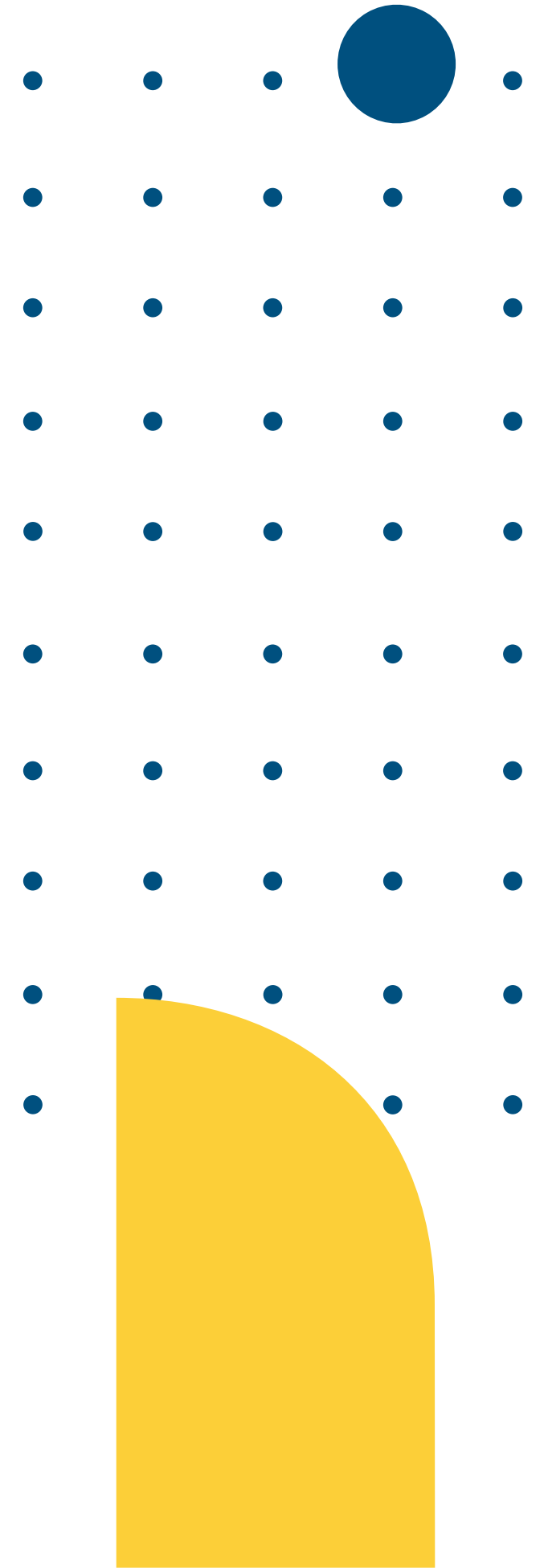
About the BTLF

- An organization with over 20 years of experience serving book industry professionals.
- The metadata integrator for the French-Canadian book market.
- A leader in implementing international standards in Quebec's French language book industry.
- The hub for technology integration in Quebec's French language book industry.
- The BTLF is in a unique position at the heart of the book chain, a place where the interests of all parties meet.



Our Mission

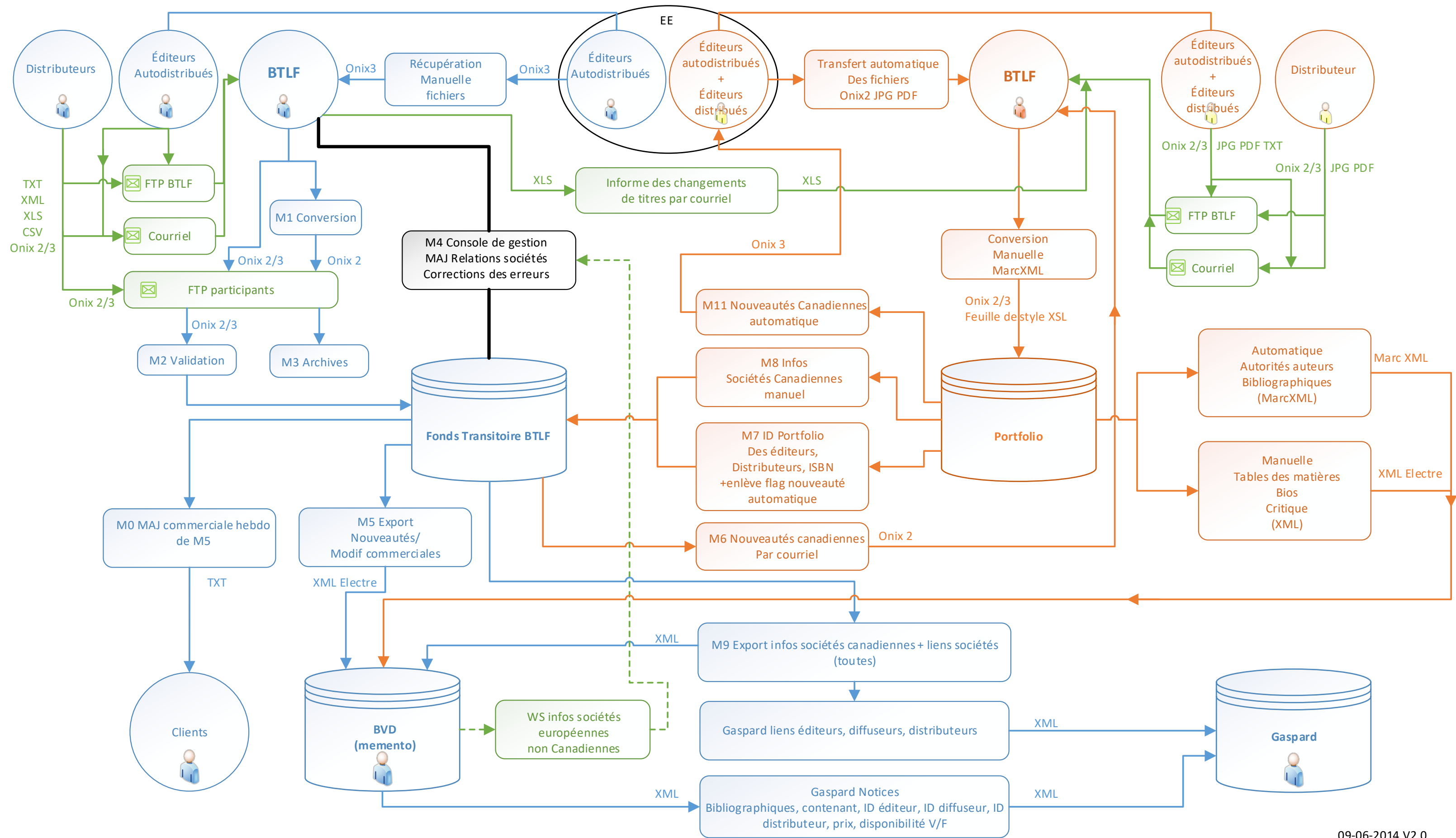
- To improve the marketing of French language publishing products in Canada and Quebec.
- To promote and encourage the marketing of Canada and Quebec's French language publishing products abroad.
- To encourage and facilitate communication and cooperation between publishers, booksellers, distributors, librarians and other actors of the book industry.



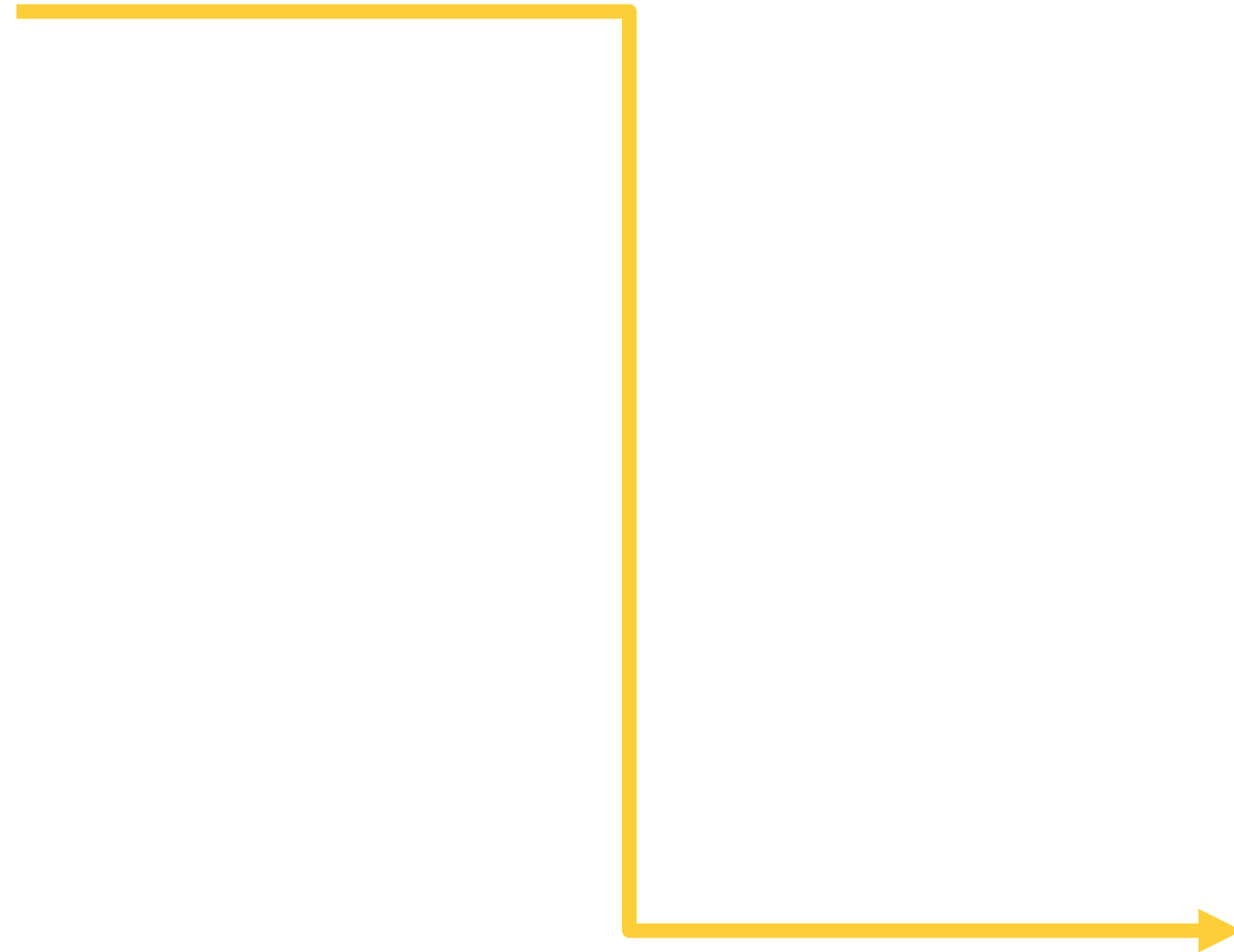


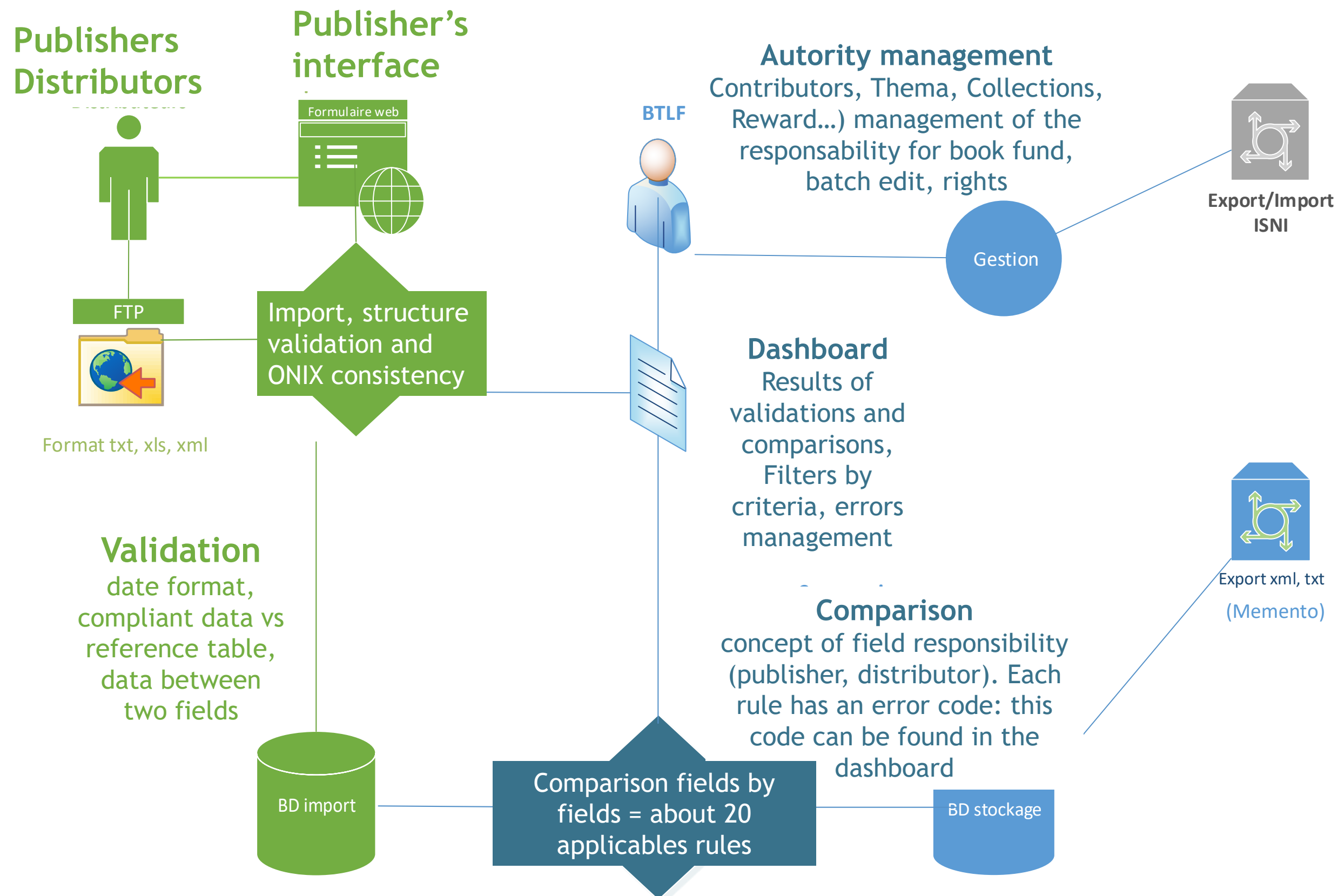
BEFORE

Traitement BTLF
Flux commercial et bibliographique

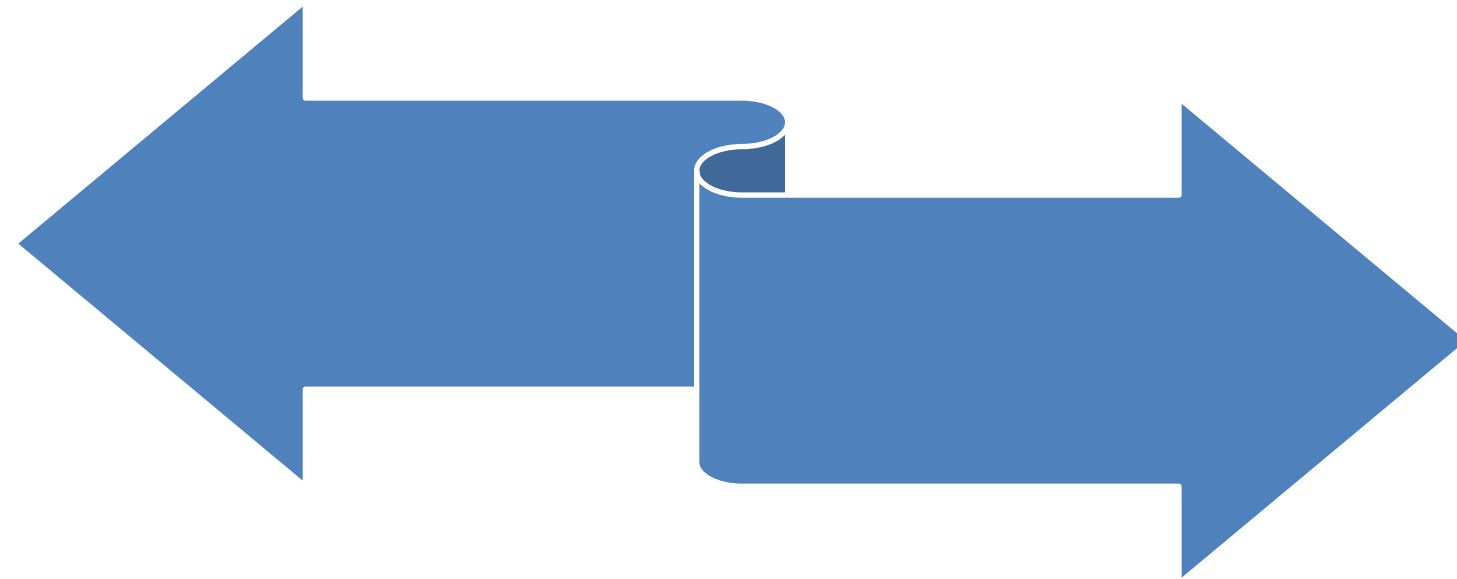


Now





Soon



Problems

Problem 1

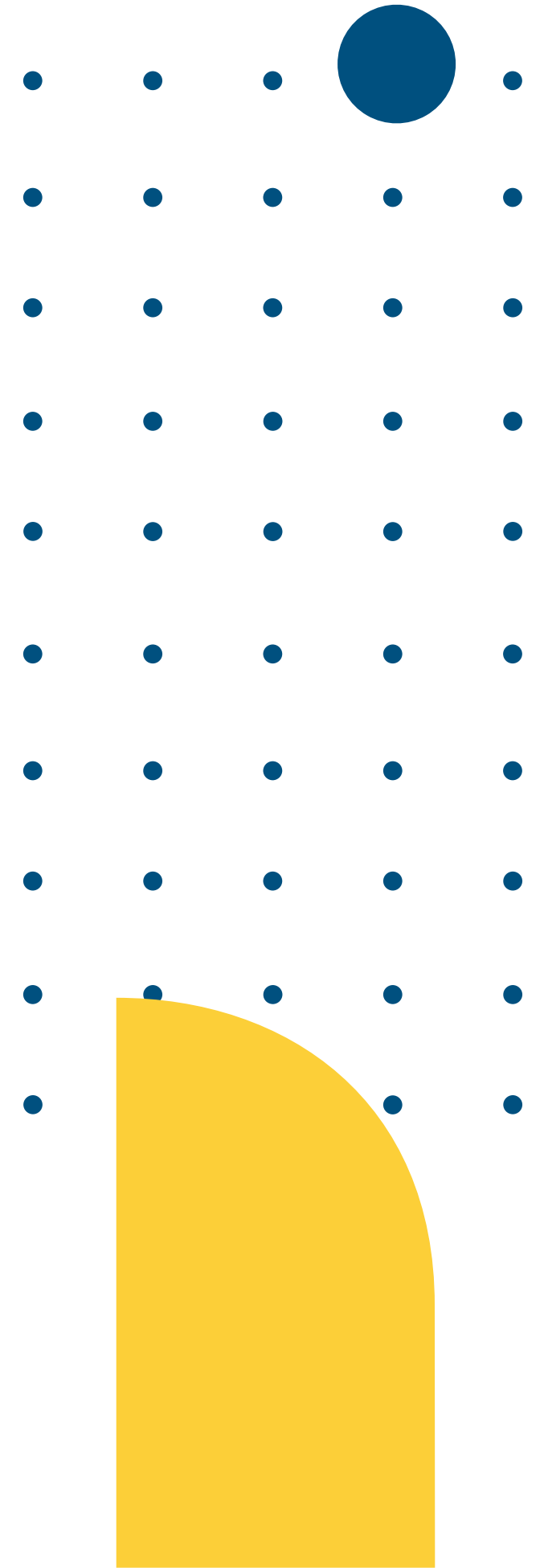
Publishers have to enter their data multiple times in different systems

Problem 2

Downstream users need complete information, delivered on time. Metadata are currently often copied by hand, or even collected from the internet by other stakeholders

Problem 3

Stakeholders do not always understand the impact of their actions on other members of the book chain or on the discoverability of their works.



Solution 1

Centralize data to limit multiple entries that waste time and cause unnecessary errors.

Solution 2

Enable exchanges of structured data "in both directions" (import/export) to ensure that the information is as complete as possible throughout the chain.

Solution 3

Optimize metadata management.



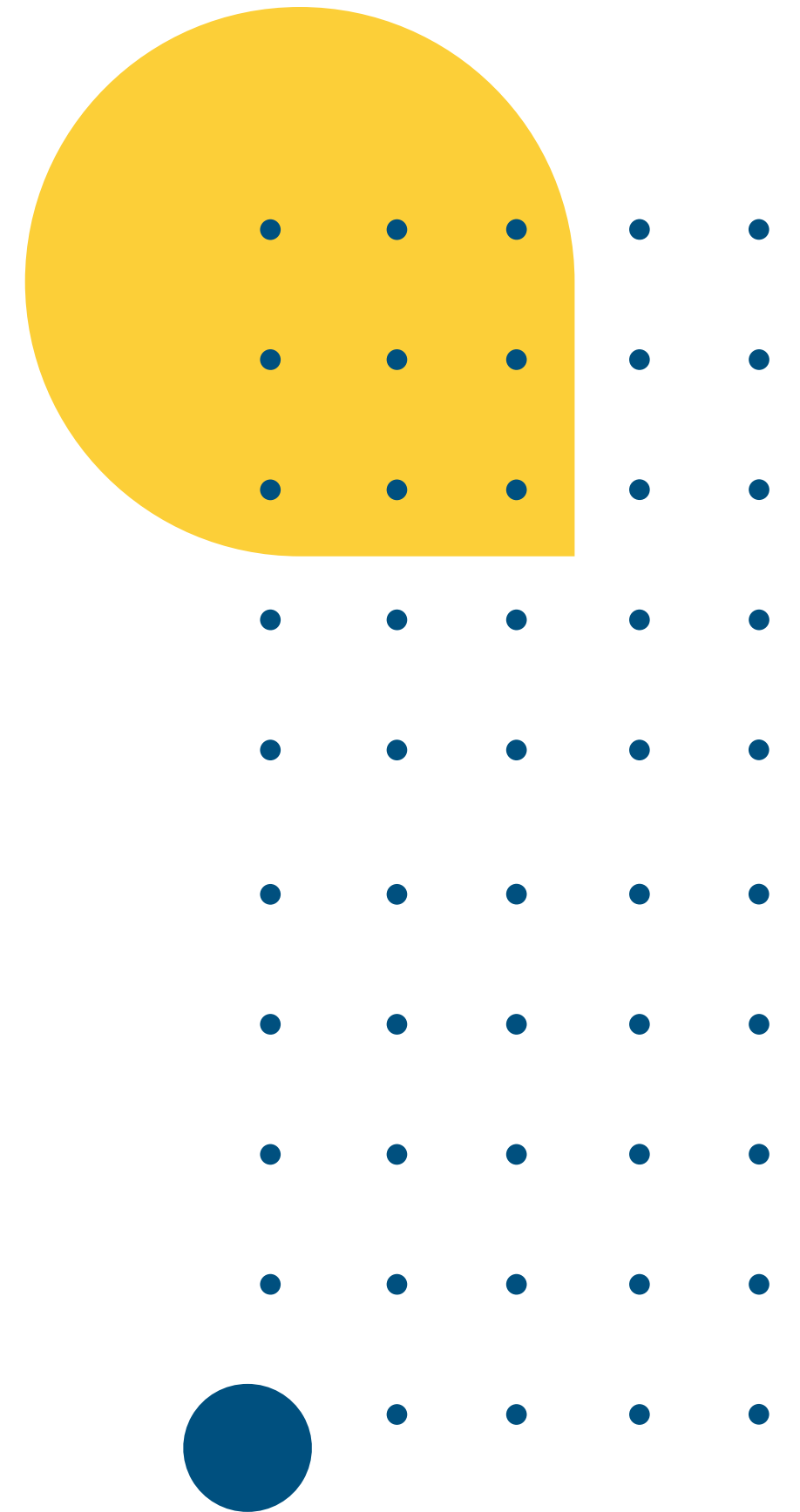
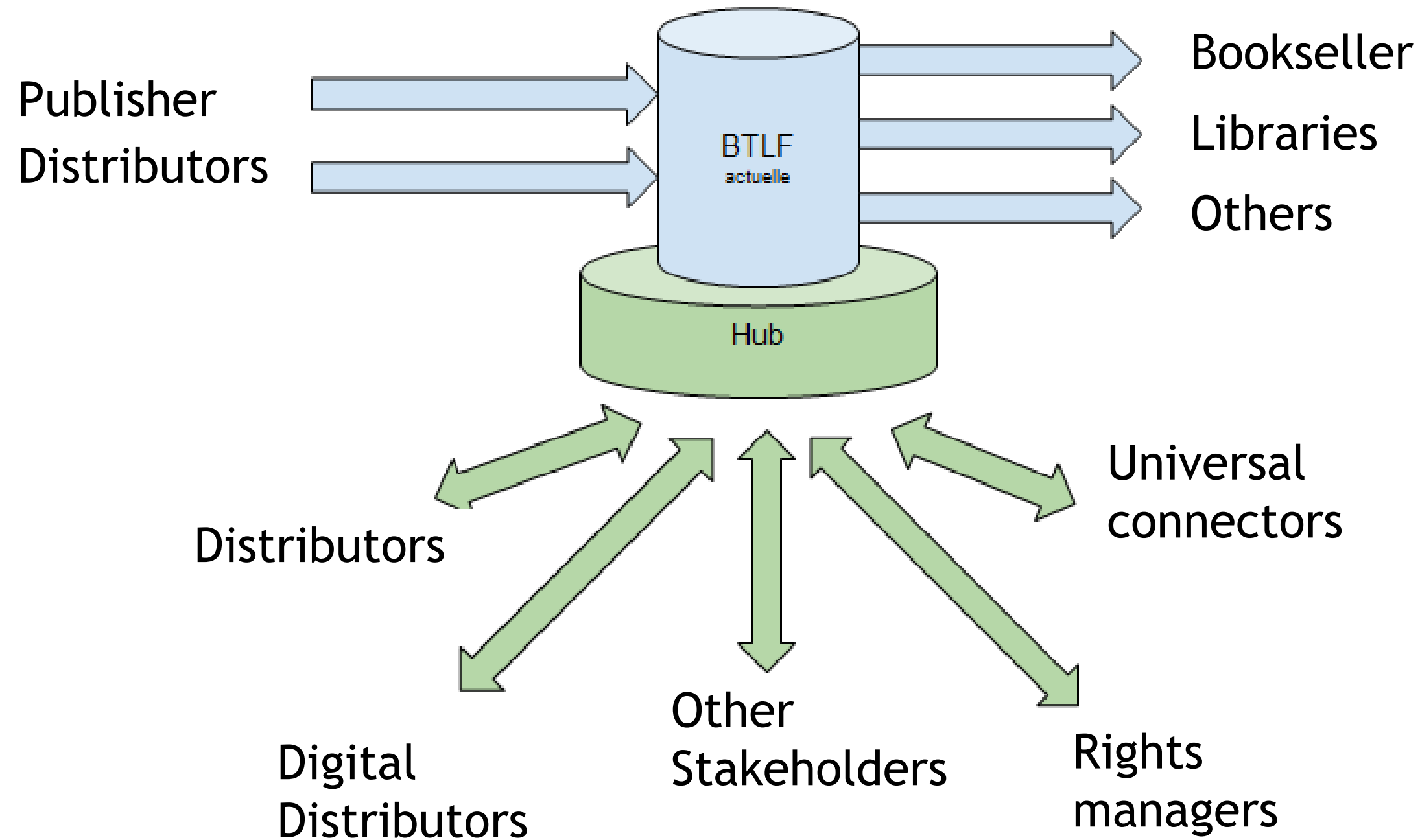
Vision



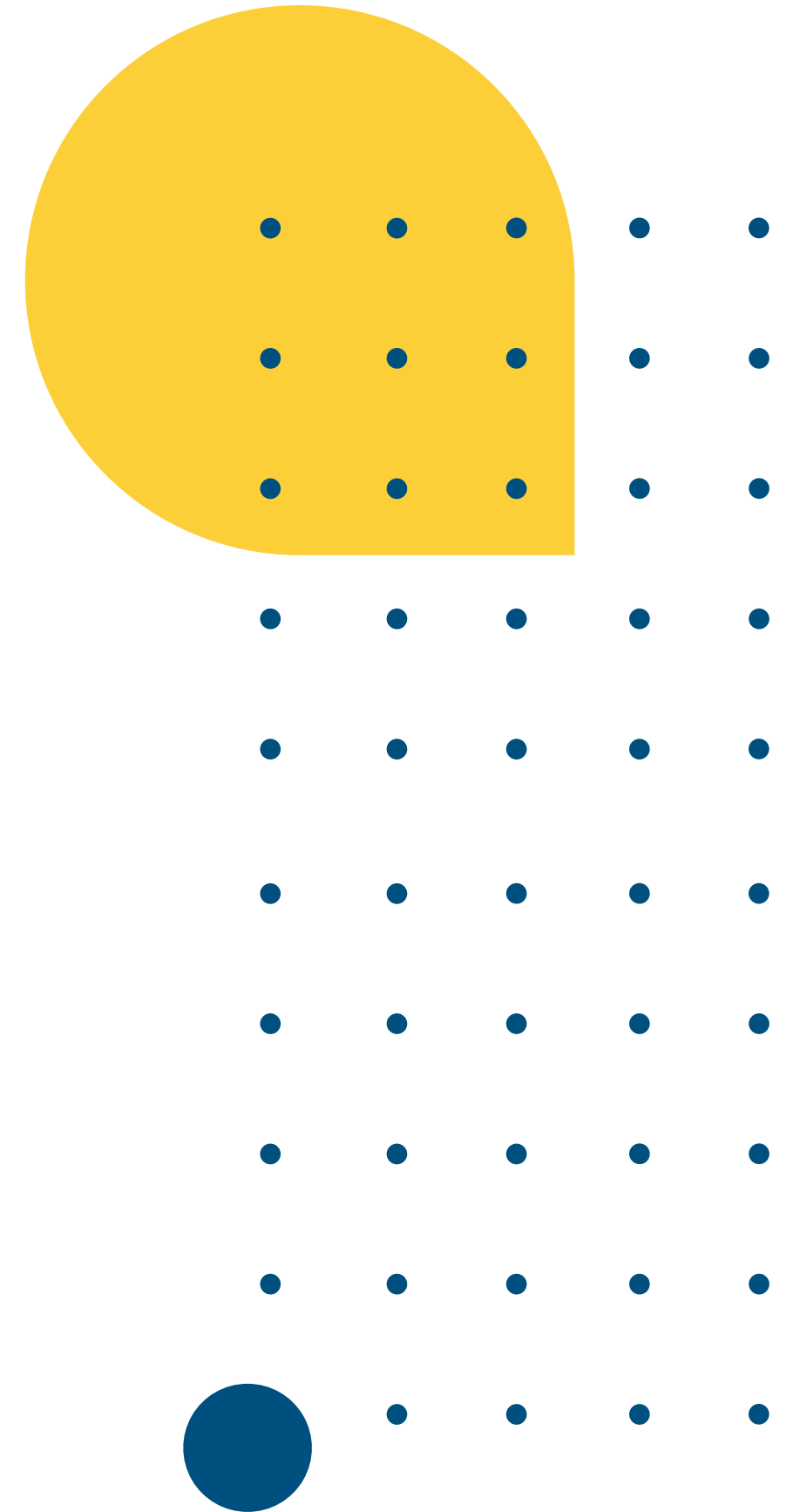
The Book Supply Chain Hub



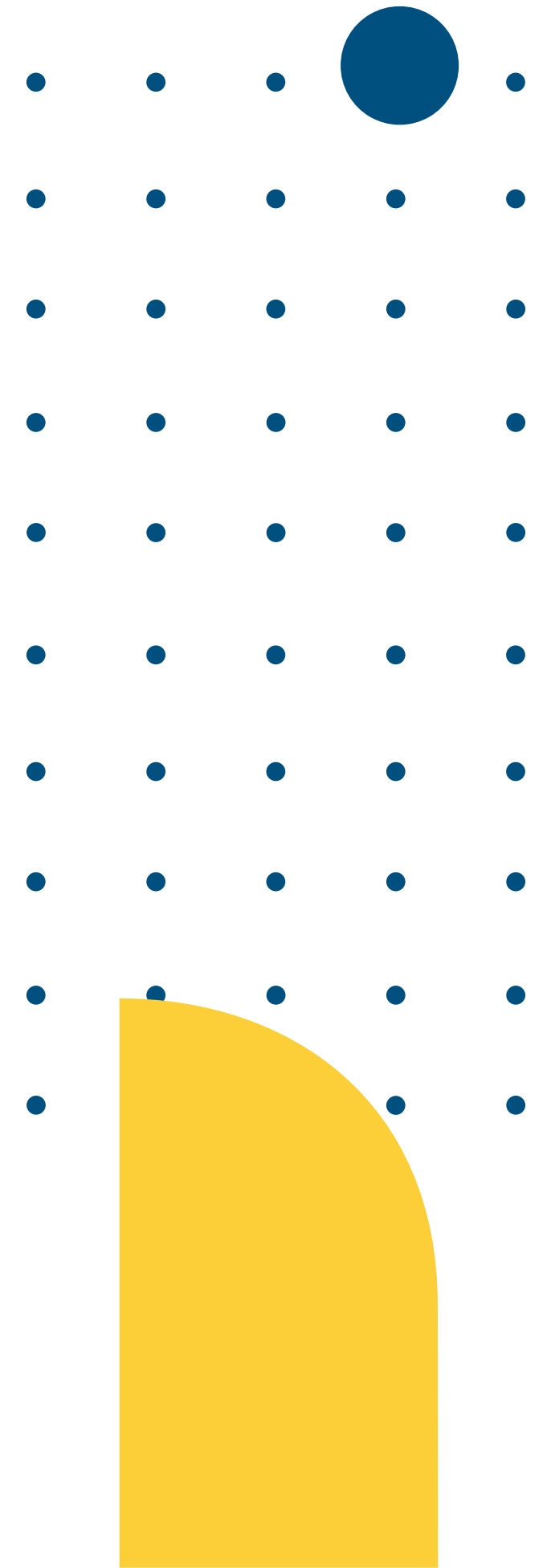
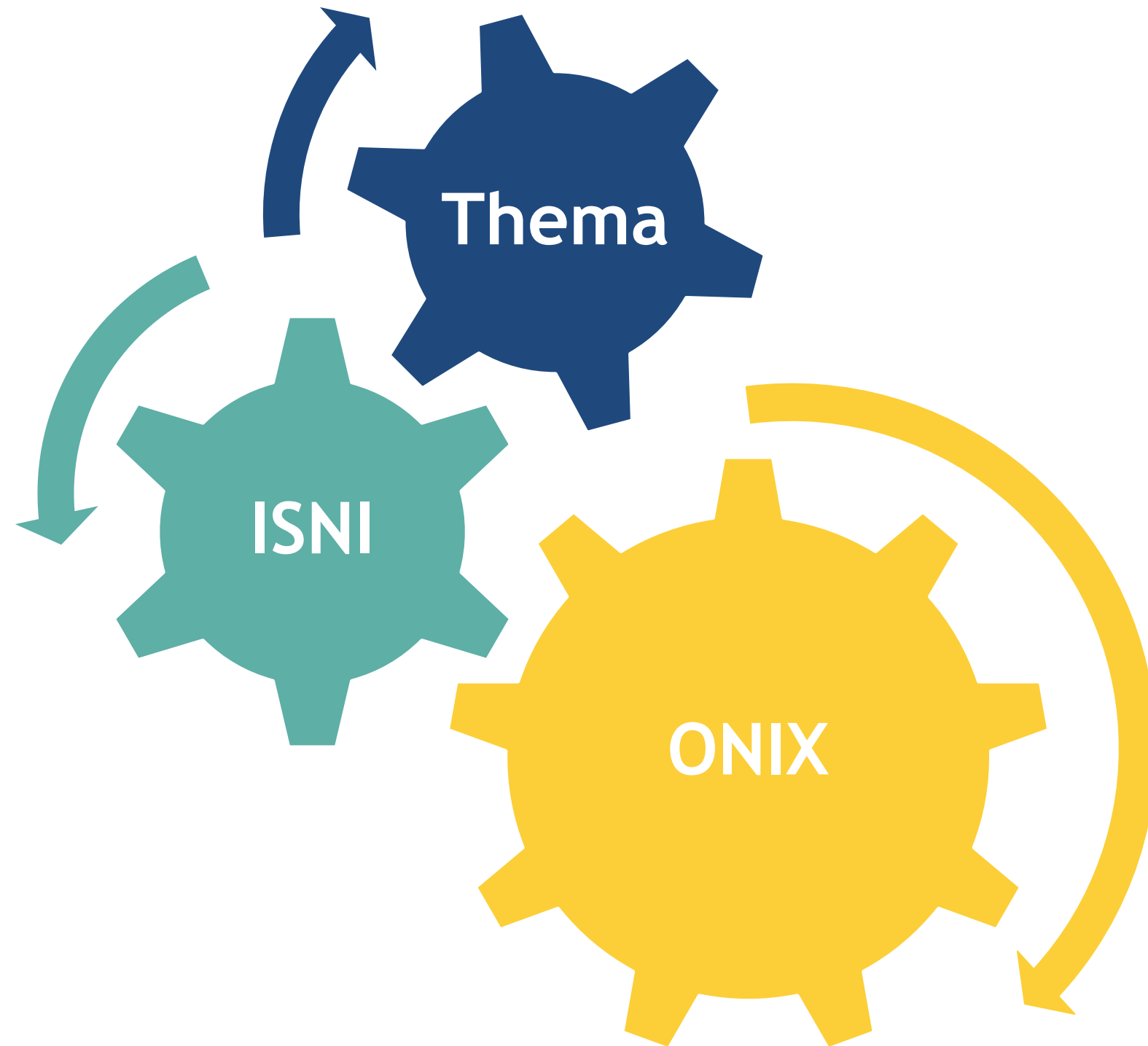
BTLF currently vs the Hub



Example



Book norms and standards



Two ISNI agencies in Québec :

BTLF (2018) Banque de titres de langue française

Integrate ISNI into any book data exchange

- Data import
- Data export

BAnQ (2019) Bibliothèque et Archives nationales du Québec

- Automatic attribution during legal deposit

Or (if work not subject to legal deposit)

- Online application: person or organization

The introduction of ISNI in the book supply chain of Quebec

1

Exploration of ISNI APIs (SRU + ATOM)

Main challenge : match our authorities with those of the ISNI database (references match)

SRU

- Several calls with various data (last name + first name, date of birth, BNF ID, etc.) = 50% strong associations with our authority IDs.

But :

- Problem of multiple ISNIs for the same authority ID at BTLF = challenge of merging databases
- Challenge of managing pseudonyms (e.g. "1 for 1" or "3 for 1")
- Challenge if more than one ISNI or no ISNI = manual management

ISNI at BTLF >

ISNI at BTLF >

If calls to SRU = no match ➔ we tried to create/obtain the ISNI with ATOM

ATOM

- 1st test = failure (transmission of data too exhaustive) – ATOM creates several ISNIs for the same contributor
- 2nd test = sending a minimum of information to obtain a better proposal from ATOM + sending our BTLF authority IDs

But :

- The challenge of concordance of repositories remains (e.g. problem of pseudonyms)

2

Challenge of ISNI integration in imports/exports

Main question: do we ask publishers for ISNI or should the integration of ISNI in the data be handled by the BTLF aggregator?

In all cases :

- BTLF should validate/verify the ISNIs provided in ONIX or through the BTLF Publisher Interface
- BTLF should be able to associate/provide ISNIs when missing or absent.

Currently: looking for solutions and answers to functional and technical challenges.

Meeting with BAnQ in September.

ISNI at BTLF >



Thank you !