EXCHANGING DATA BEYOND THE OFFICE
Agenda

1. ROADMAP
   M2M Implementation

2. Exchanging data with
   NF X 50-276

3. TEST CASES

4. GOING FURTHER
   Next steps
OVERVIEW
Data exchange involving Patent Offices

Data concern:
- IP Right bibliographic data
- Communications and Replies
- Fees
Data exchange involving IP attorney

Data concern:
- IP Right bibliographic data
- Communications and Replies
- Fees
- Instructions to foreign agents
- Communications prior to application
- Litigation
- Accounting
Extended scope

**ST.36, 66, 96**

**ST.27: Events codification**

- Enveloping the data
  - Sender, recipient, date, flow identification...
  - Cause of the communication

**ST.90: API structure rules**

- Accepts attached documents
- Accounting records
- From idea and beyond litigation

NF X 50-276
Exchanging data with NF X 50-276
### EDIPI association


<table>
<thead>
<tr>
<th>Rights owners</th>
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<tbody>
<tr>
<td>Bolloré</td>
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<tr>
<td>orange</td>
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<tr>
<td>Pierre Fabre</td>
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<td>Safran</td>
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<thead>
<tr>
<th>IP Attorneys</th>
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<tbody>
<tr>
<td>Böttcher</td>
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<tr>
<td>Camus Lebkir</td>
</tr>
<tr>
<td>Gevers &amp; Ores</td>
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<tr>
<td>Regimbeau</td>
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<tr>
<td>Santarelli</td>
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<td>TaoMa</td>
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<td>Vidon</td>
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<tr>
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<td>Arkyan</td>
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<tr>
<td>OrdiPat.</td>
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<tr>
<td>Patrix</td>
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<td>CleverIP</td>
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</tr>
<tr>
<td>CPI</td>
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<tr>
<td>AAPi</td>
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File structure

File header: file ID, producer, a reference, creation date…

Parties  Assets  Events  Documents  Accounting
Highly adaptative

**Data as Repo/Code: contextualization for desambiguation**

```xml
<Producer>
  <Repository>NFX50-276.edipi.org</Repository>
  <TypeCode>OFFICE</TypeCode>
</Producer>

**Flexibility: use your namespace**

```xml
<Ids>
  <Id>
    <Repository>inpi.fr</Repository>
    <Value>123D9</Value>
  </Id>
  <Id>
    <Repository>wipo.org/st27</Repository>
    <Value>A10</Value>
  </Id>
</Ids>
```

Any user can publish its repository: data consolidation between IT systems!
Data freshness

Some data associated with validity dates:

- Names
- Addresses...

Exemple

```
<Names>
  <Name>
    <FromDate>0001-01-01T00:00:00</FromDate>
    <ToDate>9999-12-31T23:59:59</ToDate>
    <Value>INPI</Value>
  </Name>
</Names>
```

Change tracking possible:

- Thirdparty address, name...
- Ownership
- Agent
- Classes
Implementations
INPI Roadmap for M2M implementation

1. Trademark application filing
   - Coming this summer
     - INPI Portal
     - User
     - NF X50-276

2. Downloadable communications
   - Examiner
   - Communication
   - INPI Portal
   - Email
   - User
   - NF X50-276

3. M-to-M API: communications and replies
   - Examiner
   - Communication
   - INPI Portal
   - HTTPS
   - User's IPMS
   - NF X50-276

Coming this summer

Trademark application filing
Downloadable communications
M-to-M API: communications and replies
Other implementations from EDIPI members

<table>
<thead>
<tr>
<th>IP firm/Platform</th>
<th>Description</th>
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<tbody>
<tr>
<td>Camus Lebkiri</td>
<td>Imports communication into back end system from NF X50 276 file</td>
</tr>
<tr>
<td>ANAQUA</td>
<td>Exchange data between users of « Anaqua Connect » with structure conforming to NF X50 276</td>
</tr>
<tr>
<td>PATRIX</td>
<td>« IP Exchange » platform accepts NF X50 276 as input / output before dissemination to intended recipients</td>
</tr>
<tr>
<td>OrdiPat</td>
<td>Importing invoices and bibliographic data into back end</td>
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</table>
Going further
Next steps

Milestones
- Exchange between users using the same software
- Exchange between users using the different softwares
- Clever use of the third parties for data consolidation in offices

Spread the use
- Engage more IPMS developer on board
- Engage discussion with WIPO taskforces

Evolution
- New version to be redacted
Merci

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