

# Digitization Guidelines Survey

Response ID:216 Data

## 1. Identification page

1. Please enter the ST.3 code of the member state or inter-governmental organization you represent.

CZ - Czechia

2. Please enter the name of the Office or Organization you represent. For instance, International Bureau of WIPO.

If your organization name is the same as your ST.3 code name, you may put "n/a".

Industrial Property Office of the Czech Republic

## 2. General questions

3. Is your national patent collection part of the PCT minimum documentation or does your Office contribute your IP documentation to one of WIPO's databases? Please select all that apply.

Patentscope

PCT minimum documentation

4. What file or document format(s) does your Office accept at filing for IP applications? Please select all that apply.

### For industrial design collections:

XML

PDF

Image-based

Paper

### For patent collections:

XML

PDF

Image-based

DOCX

Paper

### For trademark collections:

XML

PDF

Image-based

Media-based formats (e.g., MP3)

5. In what language(s) do you publish your IP documents in? Please provide a full list of 2-letter language codes.

CS, EN

6. In what format(s) do you publish or disseminate your IP collection? Please select all that apply.

### For industrial design collections:

WIPO Standard ST.96

Image-based

PDF

### For patent collections:

WIPO Standard ST.36

PDF

Other (please specify): WIPO Standard ST.26

### For trademark collections:

Image-based

WIPO Standard ST.96

7. In what format(s) does your Office publish the bibliographic data associated with the format(s) indicated in question 8? Please select all that apply.

**For industrial design collections:**

XML  
PDF  
Plain text

**For patent collections:**

XML  
PDF  
Plain text

**For trademark collections:**

XML  
PDF  
Plain text

8. If your Office produces XML or JSON instances and does not validate these instances before publication, please provide your reasoning below.

9. Does your Office publish the color drawings they receive, if they are permitted during the filing of a patent application?

Yes

### 3. Digitization activities

10. Does your Office perform digitization of documents you receive before publication or data dissemination, for one or more IP rights, or has experience of digitization of documents associated with IP rights?

Yes

10.1. How are or were these documents or associated data transformed from the format you received? e.g., paper document manually scanned and OCR'd or DOCX converted to XML.

All paper documents associated with IP files are scanned, and OCR is applied where the quality of the source document allows. For national patent applications specifically, selected application documents are additionally converted into structured formats: claims are converted to HTML/XML, while descriptions are converted to DOCX with embedded drawings.

10.2. If you rely or relied on a third party to perform the digitization of your documents, why did you reach this decision?

All digitization is performed internally.

10.3. Does your Office use or did you use any IT tools, in particular AI tools, in the digitization process that you find particularly useful?

We currently do not employ AI-based digitization tools.

10.4. What are or were the biggest technical challenges you have experienced in digitizing your documents? e.g., extracting drawings or chemical formulae from a patent application. Please provide further details in the comments box below, including how you overcame these challenges and the relevant IP right type.

Patents: Producing ST.96-compliant patent documents required a significant upgrade of the IPO CZ information system, including the development of a custom claims editor that helps users prepare the underlying ST.96 XML.

Trademarks, Industrial designs: The preparation of images, such as drawings and depictions, for publication was challenging, as it previously required manual standardization. This process is now largely handled by automatic conversion under user supervision.

All IP rights: Processing paper filings requires OCR and/or manual entry. Processing electronically fillable PDF forms is also a challenge, particularly due to issues with the national character set and the continued use of old revisions of our forms by the public. This has been partially addressed by guiding users towards the IPO CZ electronic portal, where text can be entered directly into an HTML-based form.

### 4. Digitization activities

11. If your Office is considering future digitization activities, please provide details regarding the tools you are considering, in particular AI tools, and include your reasons for selecting them for potential use in digitization.

IPO CZ is assessing the potential use of AI tools developed within the framework of cooperation agreements with the European Union Intellectual Property Office and the European Patent Office. These tools are being considered for their potential to support further digitization, automate selected processing tasks, improve the handling of IP-related data, and enhance the efficiency and user-friendliness of Office services.

In the coming year, the Office plans to implement a national system called the Registry of Representation, enabling individuals and businesses to digitally create, store and manage powers of attorney and other authorizations.

12. Please provide any other feedback regarding capacity building for the digitization of IP document collections.