Survey on Intellectual Property Data Exchange

Response ID:175 Data

2. Identification page

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

SG - Singapore

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".

INTELLECTUAL PROPERTY OFFICE OF SINGAPORE

3. Types of IP data exchanged

5. Does your Office provide or collect IP data?

Yes, providing and collecting

6. In what context is IP data exchange performed?

Bilateral agreements
Multilateral agreements
Standardized Open Data License

4. Types of IP data exchanged

7. Select the IP domains for which your Office provide or collect data.

	Provide	Collect	Both, provide and collect	Not applicable
Patents			X	
Trademarks			X	
Industrial designs			X	
Geographical indications				X

Other (please specify):

8. What types of IP data does your Office provide or collect?

Patents

	Provide	Collect	Both provide and collect	Not applicable
Bibliographic data (including classification information)			X	
Full-text publication data (including, description and claims)			X	
Full-image publication data (including bibliographic data, abstract, description and claims)			X	
Drawings (2D images, 3D models or 3D images)			X	
Citation information from search and/or examination				X
Legal status data			X	
Sequence listing data			X	
Office actions				X
Examination reports/Search report				X
Statistical data (Added value data)				X

Other (please specify):

Trademarks

	Provide	Collect	Both provide and collect	Not applicable
Bibliographic data (including classification information)			X	
Full-text publication data				X
Mark representation (2D images, 3D models, 3D images, audio or video)			X	
Legal status data			X	
Examination reports/Search reports				X
Office actions				X
Statistical data (Added value data)				X

Other (please specify):

Industrial Designs

	Provide	Collect	Both provide and collect	Not applicable
Bibliographic data (including classification information)			X	
Full-text publication data				X
Industrial design representation (2D images, 3D models, 3D images, audio or video)			X	
Legal status data			X	
Examination reports/Search reports				X
Office actions				X
Statistical Data (Added value data)				X

Other (please specify):

Geographical Indications

	Provide	Collect	Both collect and provide	Not applicable
Bibliographic data (including classification information)				X
Full-text publication data				X
Geographical indication representation (labels or images)				X
Legal status data				X
Office actions				X
Statistical Data (Added value data)				X

Other (please specify):

5. Types of IP data exchanged

9. Which type of file formats are used when your Office provides and/or collects IP data?

Document and archive format

XML
JSON
SGML
PDF
TXT

2D images

JPEG
TIFF
PNG
PNG

Audio, video and multimedia

Not applicable

3D model and 3D images

Not applicable

6. Types of IP data exchanged

10. Please indicate the data format related to WIPO Standards implemented by your Office in providing or collecting IP data

WIPO Standard ST.96: Recommendation for the processing of intellectual property information using XML

Not applicable

WIPO Standard ST.97: Processing of Intellectual Property information using JSON

Not applicable

Other WIPO Standards

WIPO Standard ST.26: Recommended standard for the presentation of nucleotide and amino acid sequence listings using XML
WIPO Standard ST.36: Recommendation for the processing of patent information using XML
WIPO Standard ST.37: Recommendation for an authority file of published patent documents

7. Reason for collecting IP data

11. Why does your Office collect IP data from other Offices?

For internal use

Training AI/machine learning models used by our Office

For public dissemination

Not applicable

For external distribution

Not applicable

8. IP data delivery methods/means

12. Which methods and/or means does your Office currently use to provide IP data?

API
SFTP/FTP/FTPS

9. Challenges

13. What challenges does your Office face in relationto providing IP data to other Offices?

Organizational and technical challenges

Other (please specify): During the OCR of non-full text patent specifications, we have encountered several recurring challenges:__ - the system is unable to properly separate paragraphs or individual claims. - data extracted from tables is not rendered correctly and instead appears as continuous text. - formulae embedded in documents are not extracted accurately in text format. - text appearing in the margins of documents (eg PCT publication number, page number) is sometimes not removed.

Legal and policy challenges

Legal concerns about ownership, redistribution and attribution (e.g: the partner Office redistributes, changes, or commercially use the received data in violation of or exceeding the terms which were bilaterally agreed or approved in written by both sides)

Financial challenges

Not applicable

14. What challenges does your Office face in relationto collecting IP data to other Offices?

Organizational and technical challenges

Not applicable

Legal and policy challenges

Not applicable

Financial challenges

Not applicable

10. Proposed solutions

15. What following proposed solutions could help your Office address the challenges your Office selected above?

Collect and share best practices for data exchange

11. Proposed solutions

. What recommendations should be included in the new WIPO standard on the recommendation for the exchange of IP data and its use?

Technical recommendation

Legal and policy recommendations on IP data use

Procedural and operational guidance

12. Legal and contractual framework for data exchange

16. Does your Office or your country have any national and/or regional laws or regulations that govern the transfer by your Office of IP data (including hosting or redistribution) outside of your jurisdiction?

No

17. Does your Office have formal written agreements (such as contracts/MoU/MoC/ToU/License Agreement) for data exchange with other IP Offices?

Yes, either bilateral contract/MoU/MoC/ToU is required

18. If possible, please provide template(s) of bilateral contract/MoU/MoC/ToU/License Agreement that your Office uses

19. Does your Office have formal written agreements for the provision of data to third parties? *(such as: MoU, MoC, ToU, contract, license agreement)*

Yes, under certain conditions. Depend on the terms of providing data to third parties in the bilateral data exchange agreement (please explain): Subject to the form and terms of the agreement between the parties.

13. Conditions for provision, use and dissemination of IP data

20. How does your Office currently authorize the use and dissemination of exchanged IP data?

Determined by two Offices involved in the data exchange cooperation through consultation

21. How does your Office implement the reciprocity principle in practicing IP data exchange with other IP offices?

Bilaterally agreed by two sides

22. What reciprocity policy re-distribution would your Office support?

Exchange with re-distribution rights conditional on compliance with specific use restrictions (please provide details): Subject to the terms of the agreement between the parties.

23. Would your Office support a recommendation that Offices provide their IP data free of charge or at marginal cost to the general public and any third party?

Uncertain (please specify): We recognize that Offices may be constrained by conditions such as infrastructure limitations or domestic legislation or policy, among others, on the treatment of their data. As such, eventual recommendations should account for these distinct circumstances and be tailored to support each office in meeting its specific goals. [QH20.1][RT20.2][TK20.3][R(20.4]That said, we currently provide IP data to the public free of charge through the IPOS digital hub, and a substantial portion of this data is also available in bulk on data.gov.sg for free public access.

14. Conditions for provision, use and dissemination of IP data

If your Office does not support free or marginal cost data provision, what barriers exist to implementing such recommendation?

15. Conditions for provision, use and dissemination of IP data

24. What level of internal use does your Office permit when sharing IP data with partner Offices?

Unrestricted internal use, partner Offices may use the data for any internal purpose

16. Conditions for provision, use and dissemination of IP data

If permissible for certain applications or uses, which of the following internal uses are permitted?

17. Conditions for provision, use and dissemination of IP data

25. Does your Office permit partner Offices to provide IP data shared with them (including in bulk form) to third parties?

Permissible only under certain conditions

18. Conditions for provision, use and dissemination of IP data

26. Under what conditions would the provision of such data to third parties be permissible?

When the partner Office similarly allows our Office to provide their IP data to third parties based on the reciprocity principle
When the scope of third parties and the scope of data have been documented in a data exchange agreement/MoU or approved in writing
When the partner Office provides prior notification before sharing data with third parties (please describe the required content of such notification): Where such provision falls outside the scope of the agreement or MoU, it requires notification to, and prior written consent from, the partner office before execution

Please provide reasons why your Office does not permit the provision of such data to third parties

19. Data quality and error correction

27. Does your Office have mechanisms for checking data for assuring the quality of IP data before sharing them?

Yes

28. Which methods do you use on mechanisms for checking data for assuring the quality of IP data?

Manual review processes
User feedback mechanisms

20. Data quality and error correction

29. Would your Office agree to partner Offices using their quality assurance mechanisms to detect errors in your IP data and providing them to your Office, for corrections at the source?

Yes

30. Would your Office permit partner Offices to correct errors in your IP data before they use internally, publish or share it?

Fully permitted: Partner Offices may make corrections without restrictions or prior notification

Please provide details of permissible corrections

What would be the timeframe to make the corrections?

Is your Office able to make the corrections, or does the applicant need to be part of this process?

How will these corrections be tracked and managed?

21. Data quality and error correction

31. Does your Office apply any quality assurance mechanisms to the datacollected from other Offices?

No

22. Update frequency

32. What update frequency can your Office as providing Office realistically support?

	Real-time	Daily	Weekly	Monthly	Quarterly	Annually	Not applicable
Patents		X					
Trademarks		X					
Industrial designs		X					
Geographical indication							X

Other (please specify):

33. Please provide any additional information or comments.