

IP Business Case in the Current Environment and Information and Communication Technologies (ICT) at the Japan Patent Office:

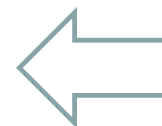
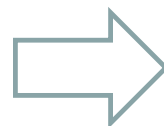
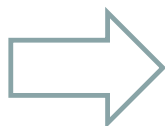


WIPO Regional Training Workshop on IPAS Business
Process Governance (NAMIBIA)
April 13 - 17, 2015

Information Technology and
Patent Information management Office, JPO

1. Aims of Computerization in JPO
2. JPO Internal IT Systems
 - E-filing
 - Digitization
 - Outline of JPO systems
3. IP Information Dissemination Policy
 - IP Information Dissemination Policy
 - Data exchange
4. IT Systems Globally Utilized
 - AIPN
 - OPD and WIPO-CASE, Linkage system
 - PDX and WIPO Digital Access Service

1. Back ground



Filed in paper

proceeded in paper

published in paper

↕
turn over pages

JPO's issues

- Resource to manage a pile of paper documents
- Delays

Users' issue

- difficulties in retrieving prior art from paper gazettes

benefits for each side, IP Office and users

IP Office's benefits

- Guarantee of the accuracy of business operations
- Improvement of the efficiency of business operations

Users' benefits

- Improvement of procedural convenience in filing, etc.
- Timely and user-friendly utilization of IP information

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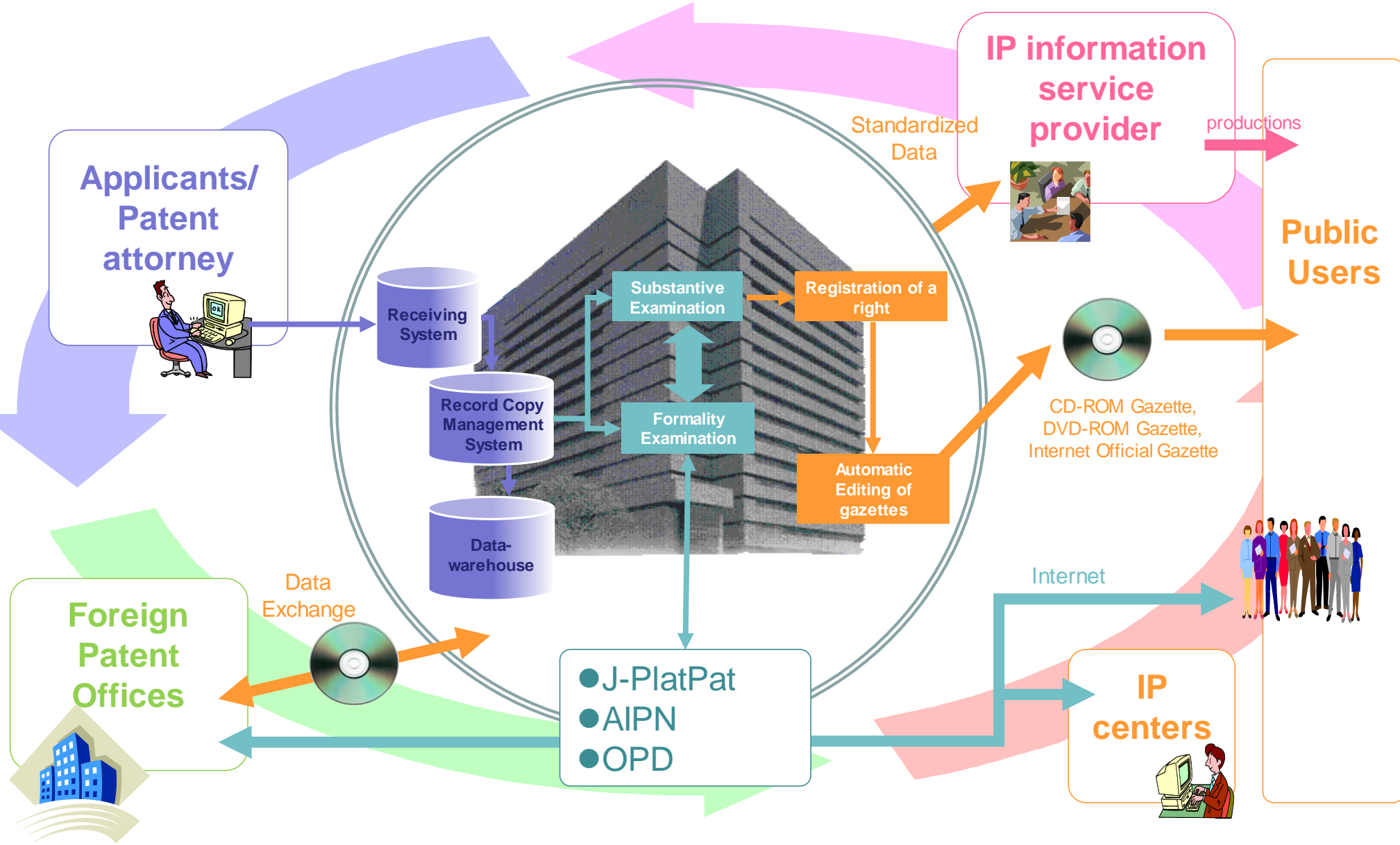
History of JPO's computerization 1/2

Year	Project	Organization
1984	Paperless system Project started	IT Division was founded. (With IT Planning Office, Research & Development Office, Operation Management Office, Administrative System Promotion Office (W1), and Search and Appeal System Promotion Office (W2))
1990	E-filing started	-
1994	-	W2 was abolished and its responsibilities were transferred to Patent Information Dissemination Division
1999	-	Operation Management Office was abolished. (The section of Operation Management was established directly below the IT division.).

History of JPO's computerization 2/2

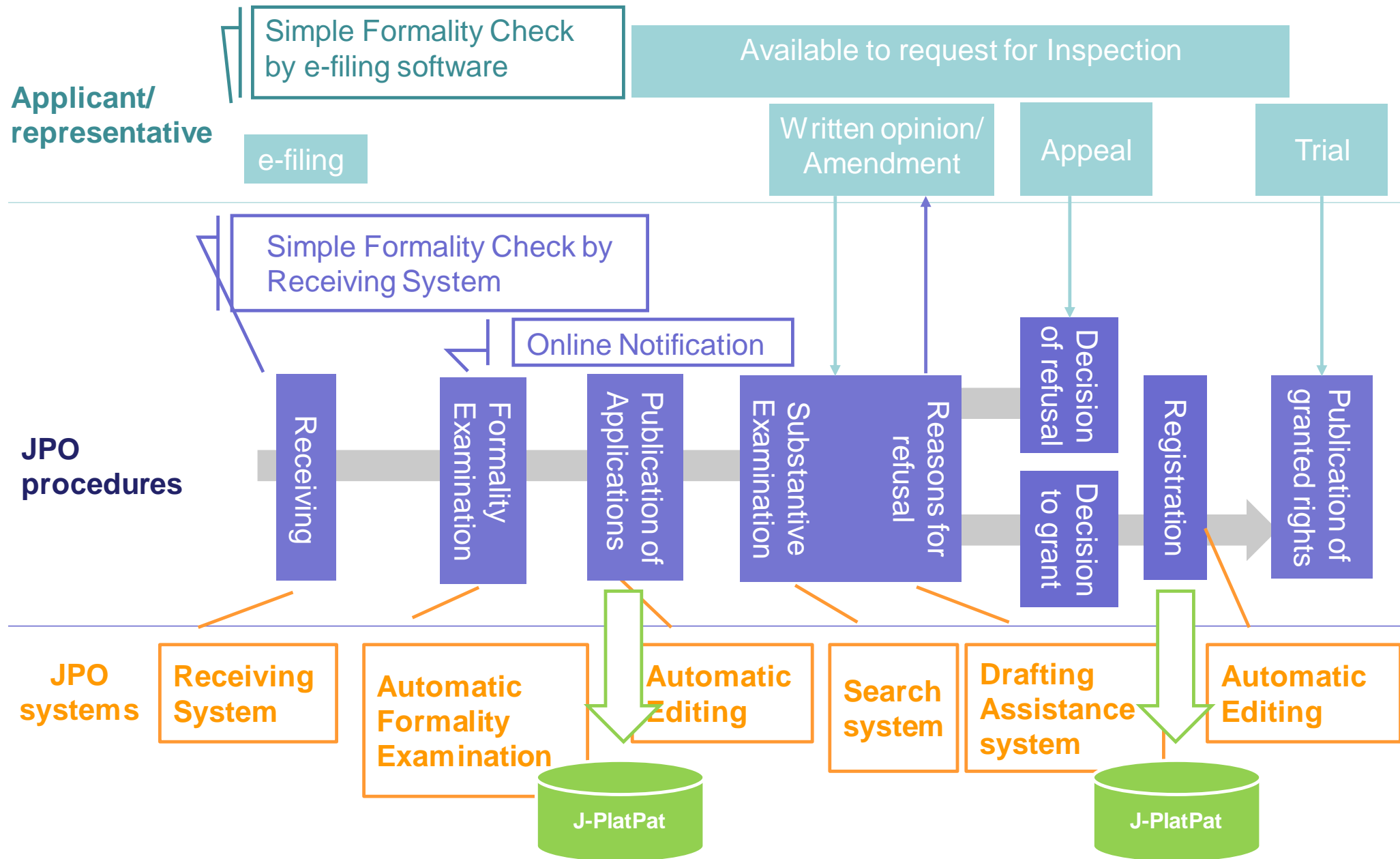
Year	Project	Organization
2000	Peripheral systems for Design and Trademark Examination were released	-
2001	-	W1 was abolished. Instead, the administrative adjustment section was established below the IT Planning Office.
2005	Optimization Plan started	The services and systems Optimization Promotion Office was started.
2007	-	The work of IT Division was partly transferred to INPIT.
2013	-	Information Technology and Patent Information Management Office was established. (With Information Technology Policy Planning Office, Automation System Development Office, Integrated Management Infrastructure Planning Office, and Patent Information Policy Planning Office)

Outline of IP information flow



Note: Standardized data and optical gazettes are also provided to J-PlatPat.

Workflow of Patent procedures and related Systems



①

To Prepare e-filing circumstances:

- Purchase e-certification
- Down load e-filing software
- Register as an Applicant to the JPO

Purchase e-certification from the Certificate Authority.

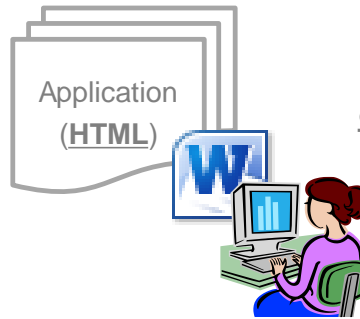


Register as an Applicant to the JPO.

Download e-filing software from the INPIT and install it.

②

Applicants prepare e-filing application.



As E-filing software imports HTML files and them convert them into XML files, applications should be prepared in HTML format.

1) Applicants draft an application with commercially available word processing software such as “MS WORD” and save it as a HTML document.



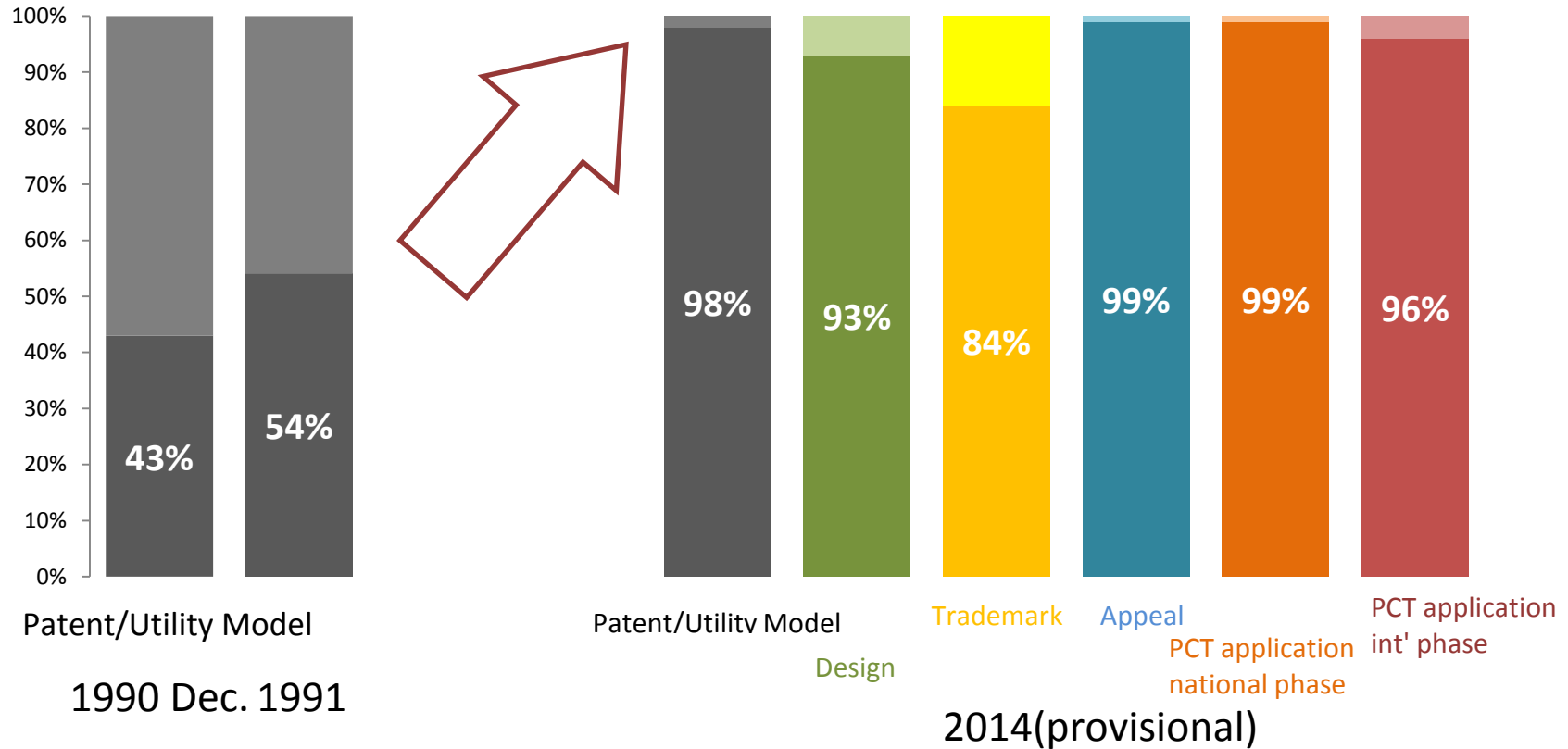
2) Then import the application into e-filing software. The e-filing software convert the HTML application into XML and conduct formality check roughly.

③



Submit the application to the JPO via e-filing software and **JPO will send back a receipt** via e-filing software.

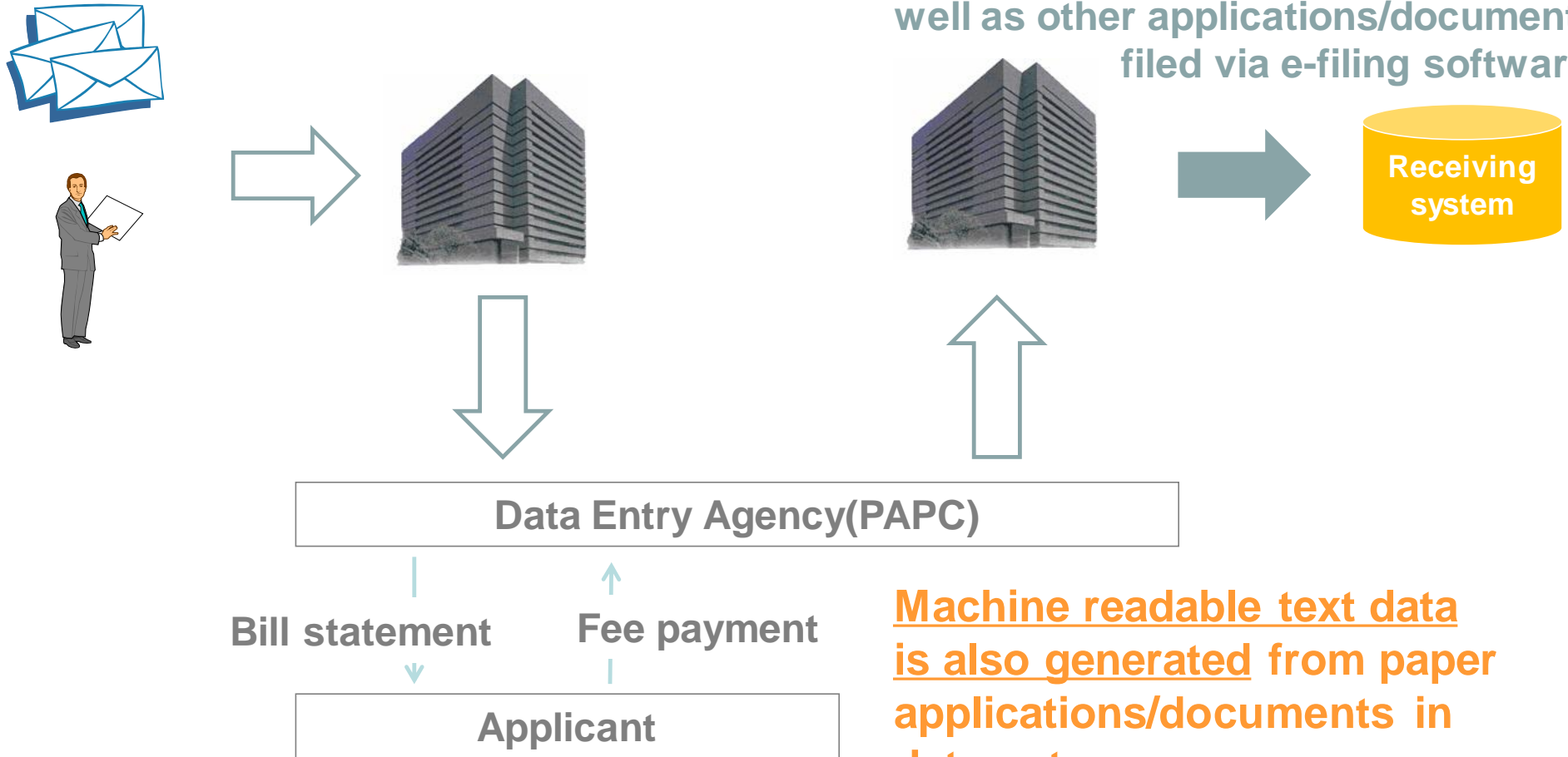
e-filing ratio and its changes at the JPO



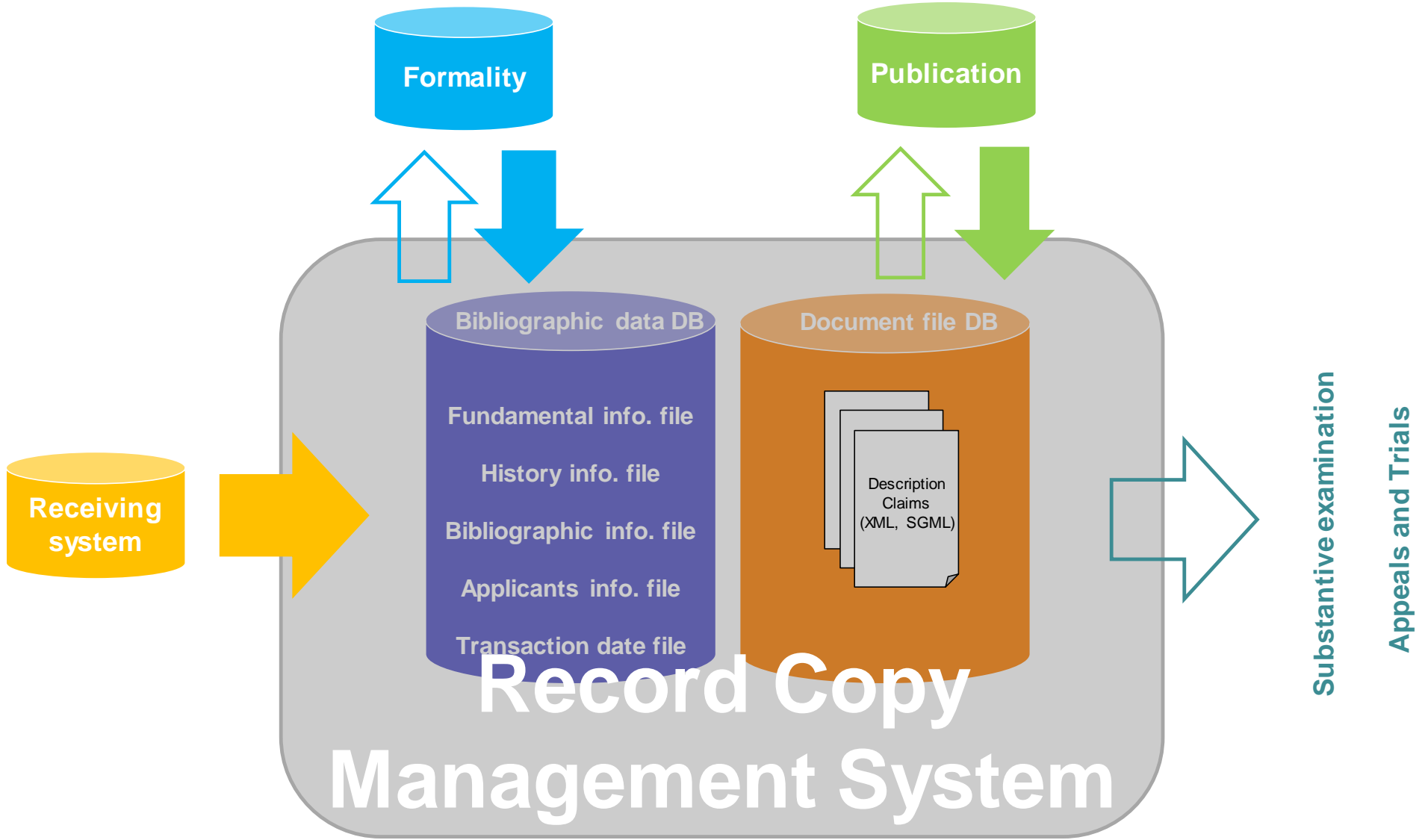
Initiatives to disseminate the e-filing software

- Collection of digitization fee for paper documents (1990 Dec.-)
- Provision of e-filing software free of charge (2005 Oct. -)

Digitalized applications/documents are transferred to the receiving system as well as other applications/documents filed via e-filing software.



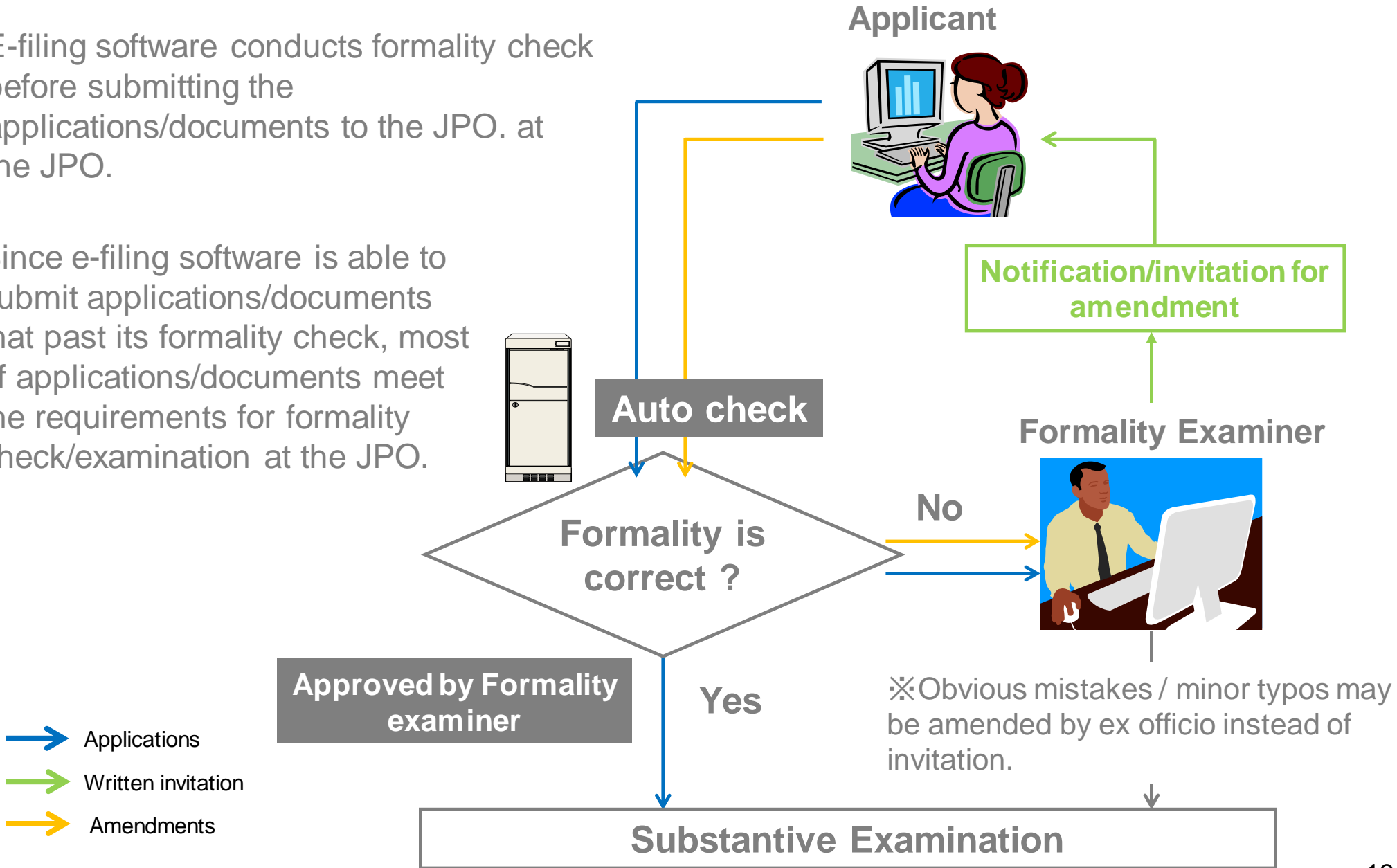
Machine readable text data is also generated from paper applications/documents in data entry process.



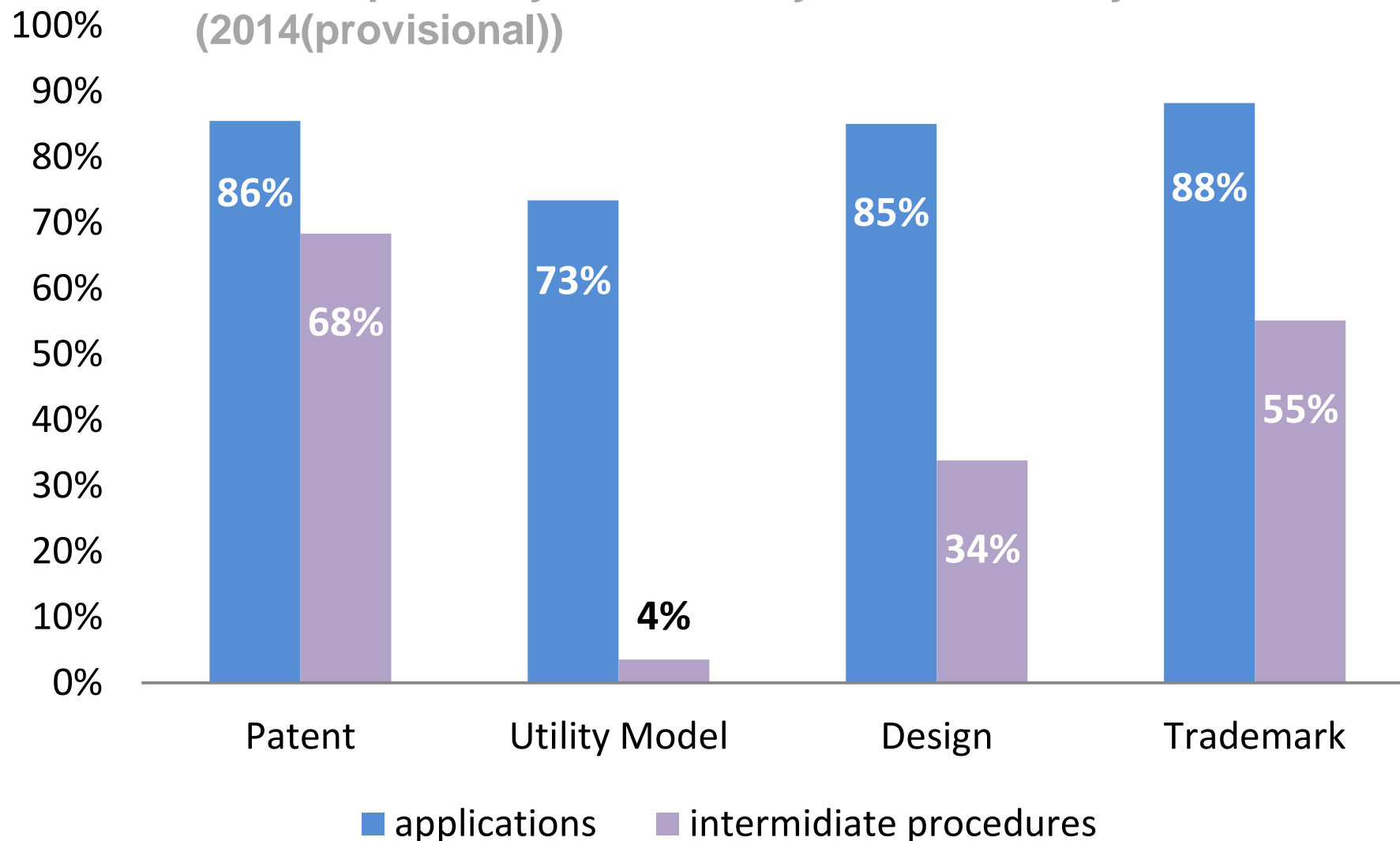
Formality examination system

E-filing software conducts formality check before submitting the applications/documents to the JPO. at the JPO.

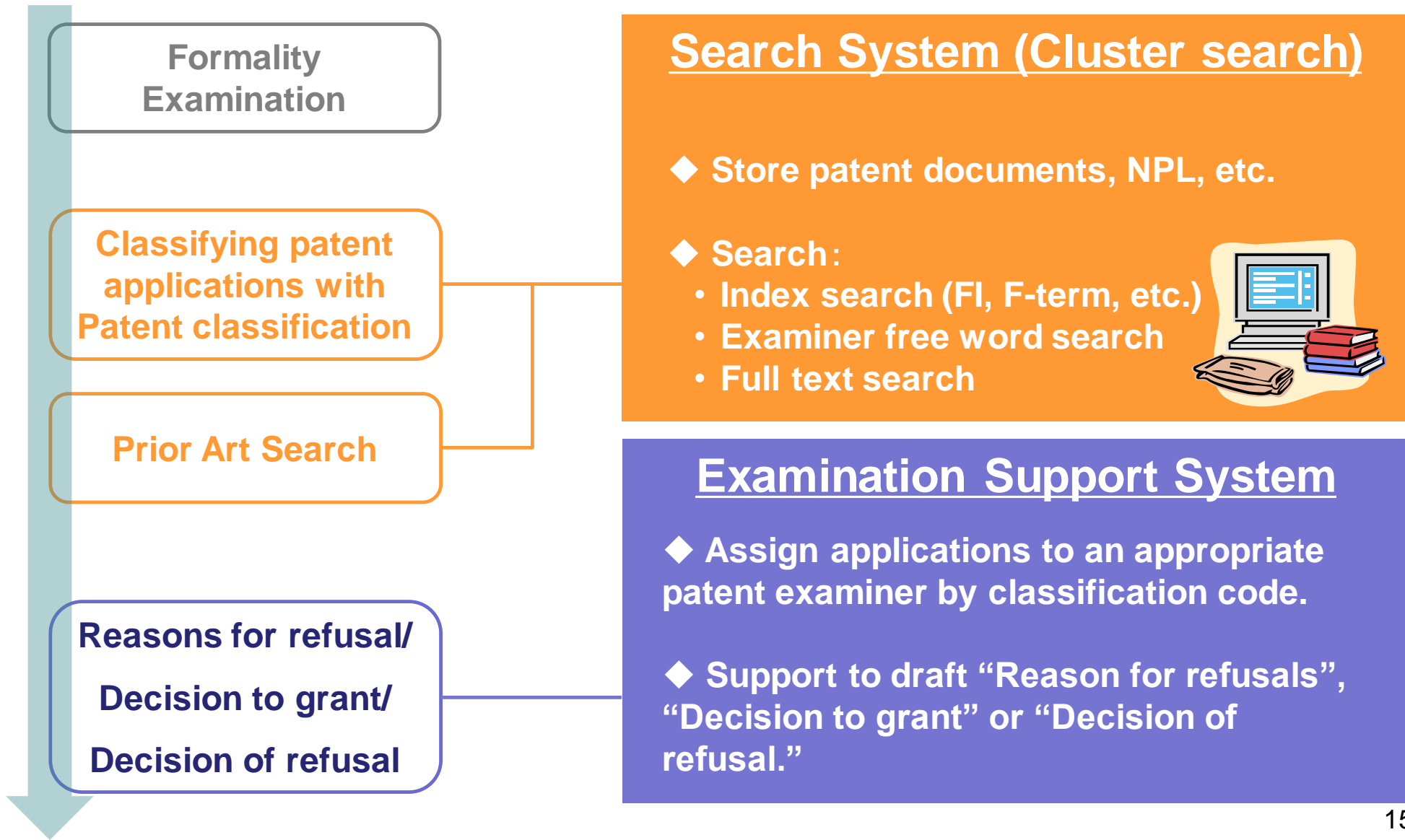
Since e-filing software is able to submit applications/documents that past its formality check, most of applications/documents meet the requirements for formality check/examination at the JPO.



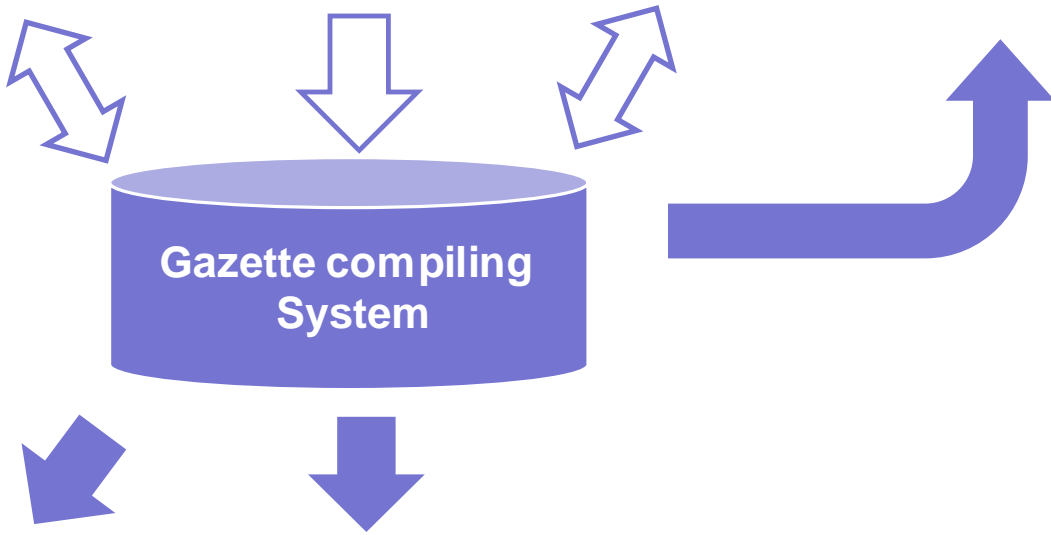
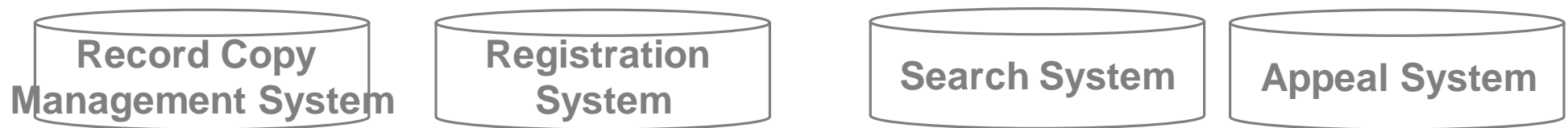
The ratio of applications that were automatically confirmed and completed by the formality examination system (2014(provisional))



Patent applications



Gazette compiling system



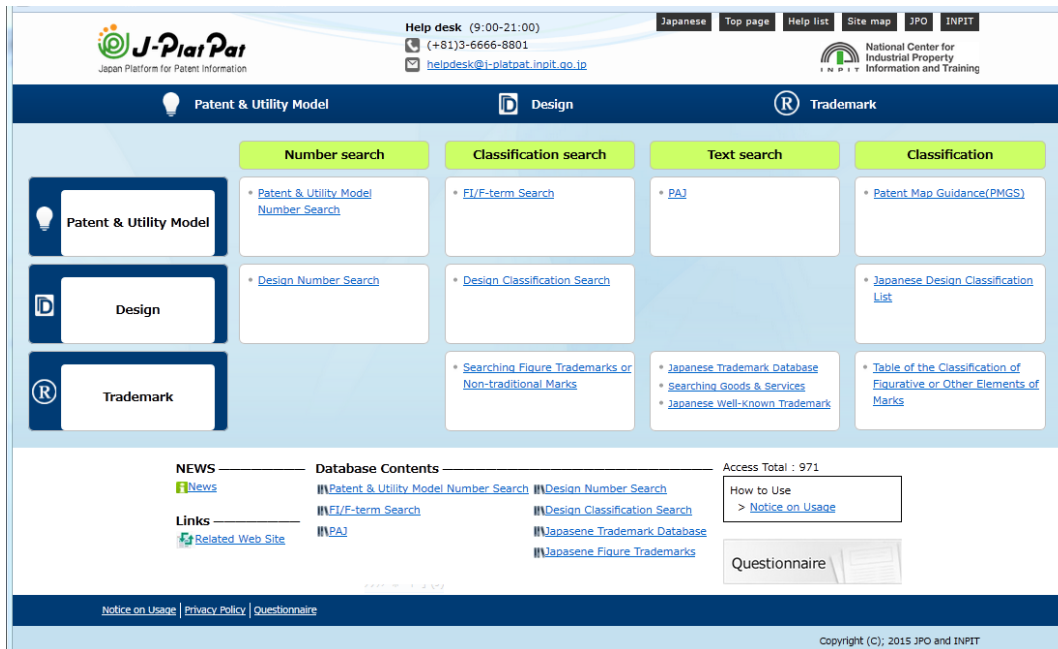
Internet Gazette

CD-ROM Gazette
DVD-ROM Gazette



- DVD-ROM Gazette (Patent, Utility Model)
- CD-ROM Gazette (Trademarks, Design, Appeal Decisions)
- Internet Gazette <http://www.publication.jpo.go.jp/utility/do/usr/topmenu?lang=e>
(Utility Model, Design, Published Unexamined/International, Trademark Applications, Published Registered Trademark Applications)
- J-Plat-Pat

<https://www.j-platpat.inpit.go.jp/web/all/top/BTmTopEnglishPage>



The screenshot displays the J-Plat-Pat website interface. At the top, there is a header with the J-Plat-Pat logo, contact information for the help desk, and navigation links for Japanese, Top page, Help list, Site map, JPO, and INPIT. Below the header, there are three main categories: Patent & Utility Model, Design, and Trademark. Each category has a corresponding icon and a list of search options. The Patent & Utility Model section includes Number search, Classification search, Text search, and Classification. The Design section includes Design Number Search, Design Classification Search, and Japanese Design Classification List. The Trademark section includes Searching Figure Trademarks or Non-traditional Marks, Japanese Trademark Database, Searching Goods & Services, Japanese Well-known Trademark, and Table of the Classification of Figurative or Other Elements of Marks. At the bottom, there are links for News, Database Contents, Access Total, How to Use, Notice on Usage, Questionnaire, and a footer with Notice on Usage, Privacy Policy, and Questionnaire.

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The 19th session of the Information Committee of the Industrial Property Council
(June, 1997)

1. IP information dissemination through the Internet

The JPO provides IP information **free of charge through the Internet.**

→ **J-PlatPat (23 Mar 2015- : J-PlatPat)**

2. Review on price for provision of IP Information

JPO's retained data are **provided at marginal cost(reasonable price)**

→ **providing Standardized data**

3. Further promotion of cooperation with other offices

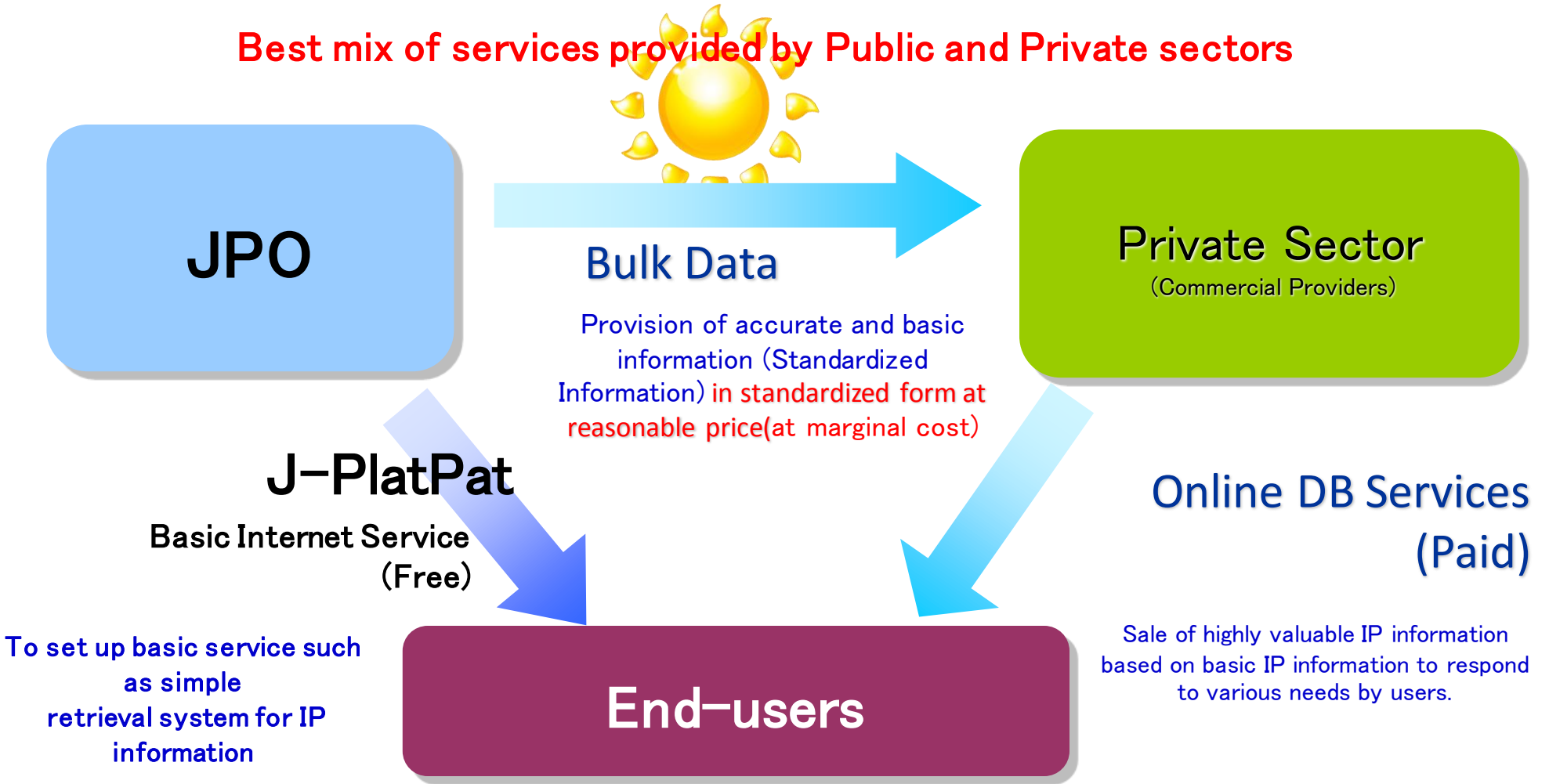
→ **IP data exchange among foreign offices etc.**

National government is responsible for dissemination and utilization of patent information.

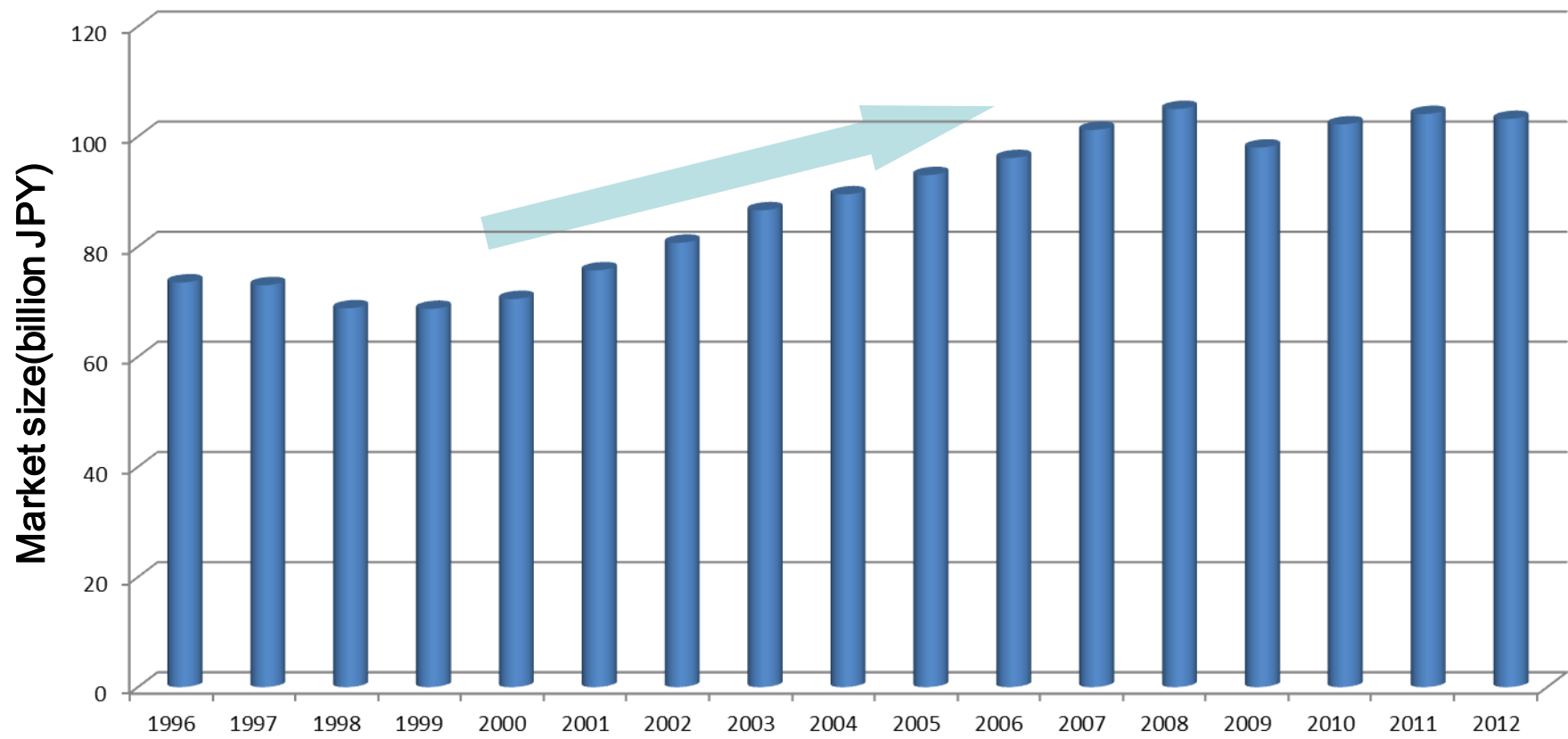
Article 20 of “Intellectual Property Basic Act (December, 2002)”

Basic Concept of Industrial Property Information Provision

Best mix of services provided by Public and Private sectors



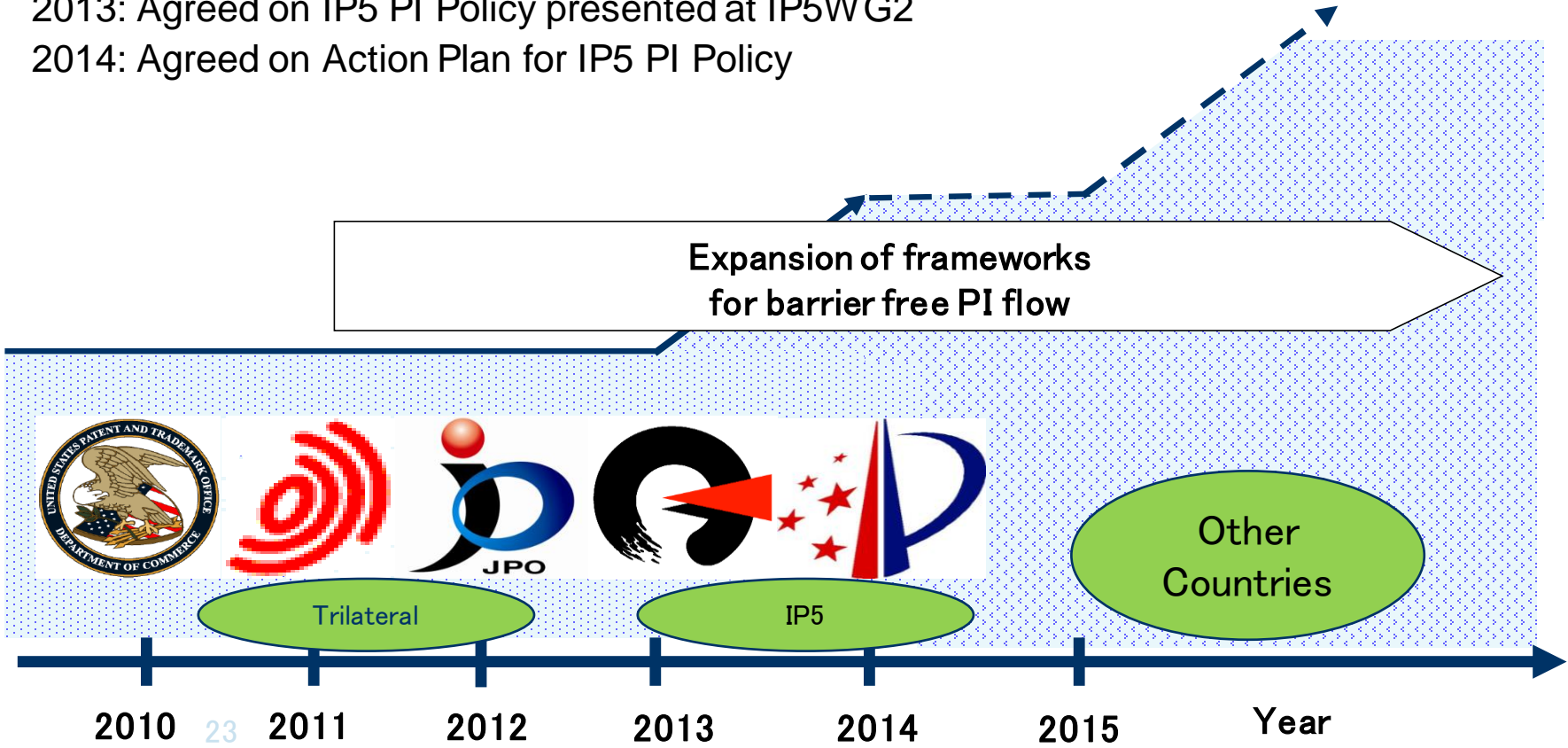
After the introduction of **new IP info policy** in 1999, IP information service market has grown by 43%.



Source: JPO survey (2013)

Barrier free exchange of data to be widely disseminated

- 2010: Agreed on Trilateral PI Policy
- 2011: Started to discuss the expansion of Trilateral PI Policy to IP5
- 2012: Drafted IP5 PI Policy proposed by EPO
- 2013: Agreed on IP5 PI Policy presented at IP5WG2
- 2014: Agreed on Action Plan for IP5 PI Policy



Advantages from Office perspective

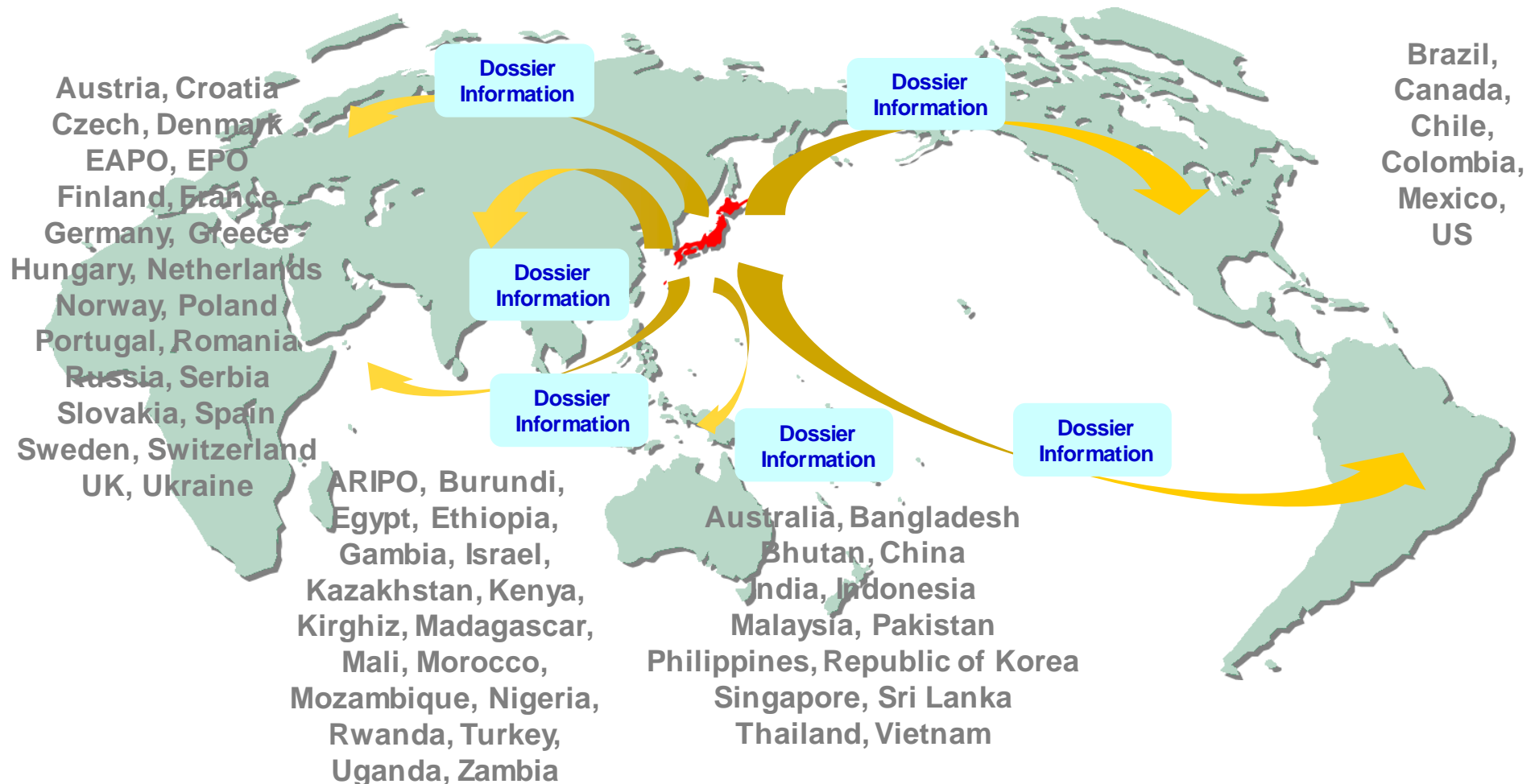
- Publicly known to the world <-> Conduct a prior art search

Advantages from user perspective

- Improve the quality of a prior art search
- Mitigate risk of patent disputes by conducting a clearance search on prior art (for potentially conflicting patents)
 - > Expand direct investment and distribution
- Understand worldwide trends in technology
 - > Stimulate R&D

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 - AIPN
 - One Portal dossier (OPD)
 - PDX and DAS

- The AIPN provides examiners of 66 IPOs with machine translated JPO's dossier information.



ENGLISH **JAPANESE** **HELP** **MISTRANSLATION** **FEEDBACK**

Note: Japanese environment is required to properly display Japanese characters.
You must install and use a TIFF image plug-in on your system in order to view image files directly.

Patent application number 2000-123456

File Wrapper Document List - Click document title to display contents.
The dates in the list are shown in the format of "dd.mm.yyyy"

■ [Application data and Transaction history](#)

- 25.04.2000: [Request for a Patent](#)
- 25.04.2000: [Description](#)
- 25.04.2000: [Drawings](#)
- 25.04.2000: [Abstract](#)
- 15.03.2001: [Request for Examination](#)
- 26.02.2003: [Notification of Change of Applicant \(General Successor\)](#)
[--- -- : --- -- : --- Certified or Appended Information](#)
- 15.04.2003: [Notification of Reasons for Refusal](#)
- 13.06.2003: [Written Amendment](#)
- 13.06.2003: [Written Argument](#)
- 03.02.2004: [Decision of Refusal](#)

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Notification of Reasons for Refusal

Application number: Application for patent 2000-123456
Date of Drafting: Heisei 15(2003) April 4
Patent examiner: YOSHIDA, Koichi 9194 5L00
Representative/Applicant: HORI, Shiroyuki
Applied Provisions: Article 29(2)

This application should be refused for the reason mentioned below. If the applicant has any argument against the reason, such argument should be submitted within 60 days from the date on which this notification was dispatched.

Reason

in the each claim listed below of this patent application should not be granted a on of Patent Law Article 29 (2) for the reason that the claimed invention(s) could y persons who have common knowledge in the technical field to which the claimed the basis of the invention(s) described in the distributed publication(s) listed below or blic through electric telecommunication lines in Japan or other foreign countries prior t application.
ease refer to "The list of cited documents etc." for cited documents etc.)

- Claim: 1 and 5
- Cited Documents: 1
- Remarks:

The circulation system which made available individual information of the agricultural products in which consumers include a cultivation method on a homepage is described in cited document 1. In [it is well-known matter that the consciousness which asks for the agricultural products produced by consumers by farming without agricultural chemicals etc. is increasing so that it may describe also in 0002 columns of the Cited documents, and] the time of an order of agricultural products, It will be accepted to be what could be thought out easily that consumers enable specification of a cultivation method if it is a person skilled in the art. It is

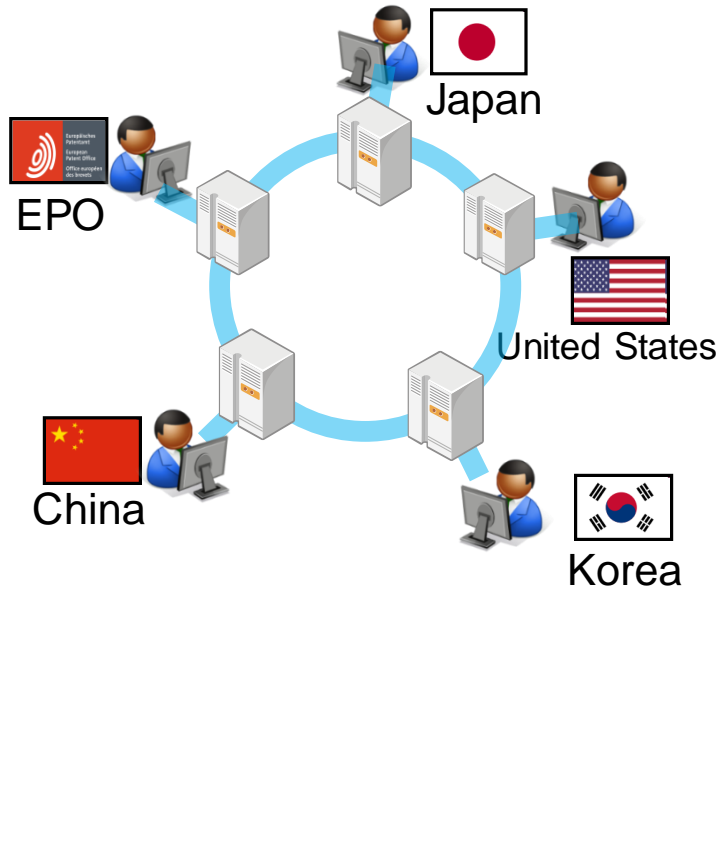
Machine translated documents

AIPN provides:

- legal status of considered patent applications that was filed with JPO and then published;
- gazette of considered patent applications through machine translation.

OPD (One Portal Dossier)

One Portal Dossier enables IP5 Offices to share their dossier information or the results of search/substantive examination among IP5 Offices in real time.
 Sharing results enables reduction of workload and quicker examination.



Screenshot of the One Portal Dossier web application interface. The browser address bar shows <http://one-portal-dossier-access.jpo.go.jp/Inquiry/Inquiry/GetFamily.do>.

One Portal Dossier

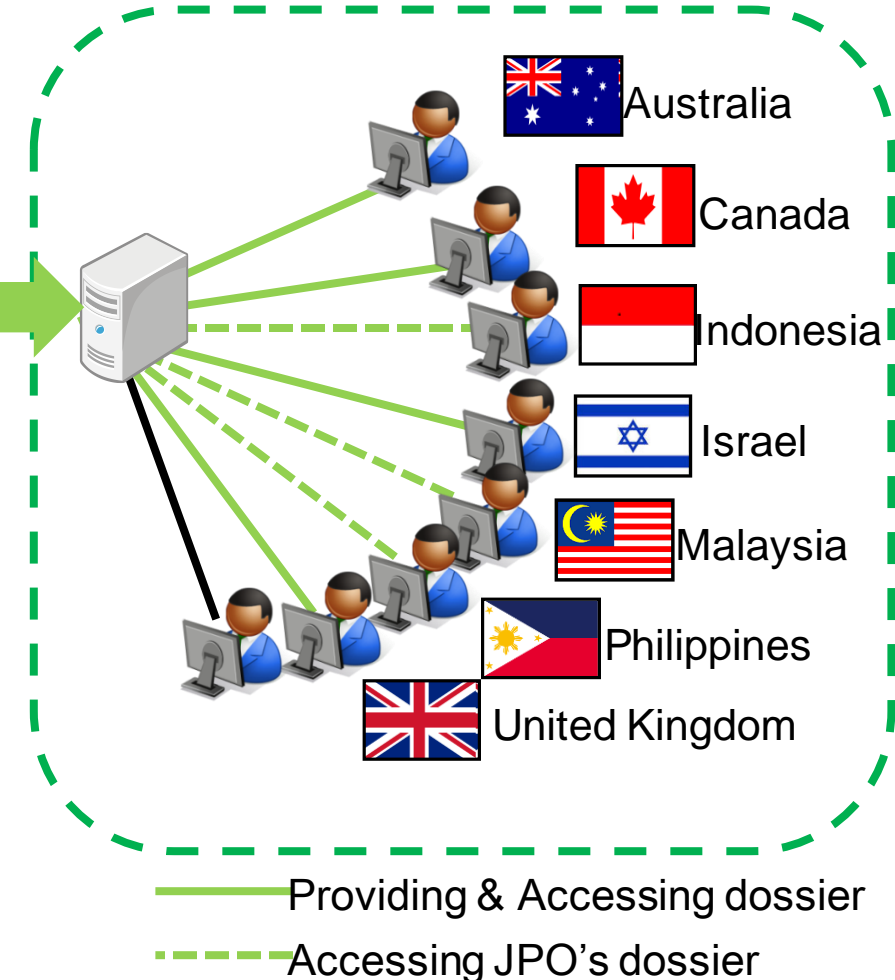
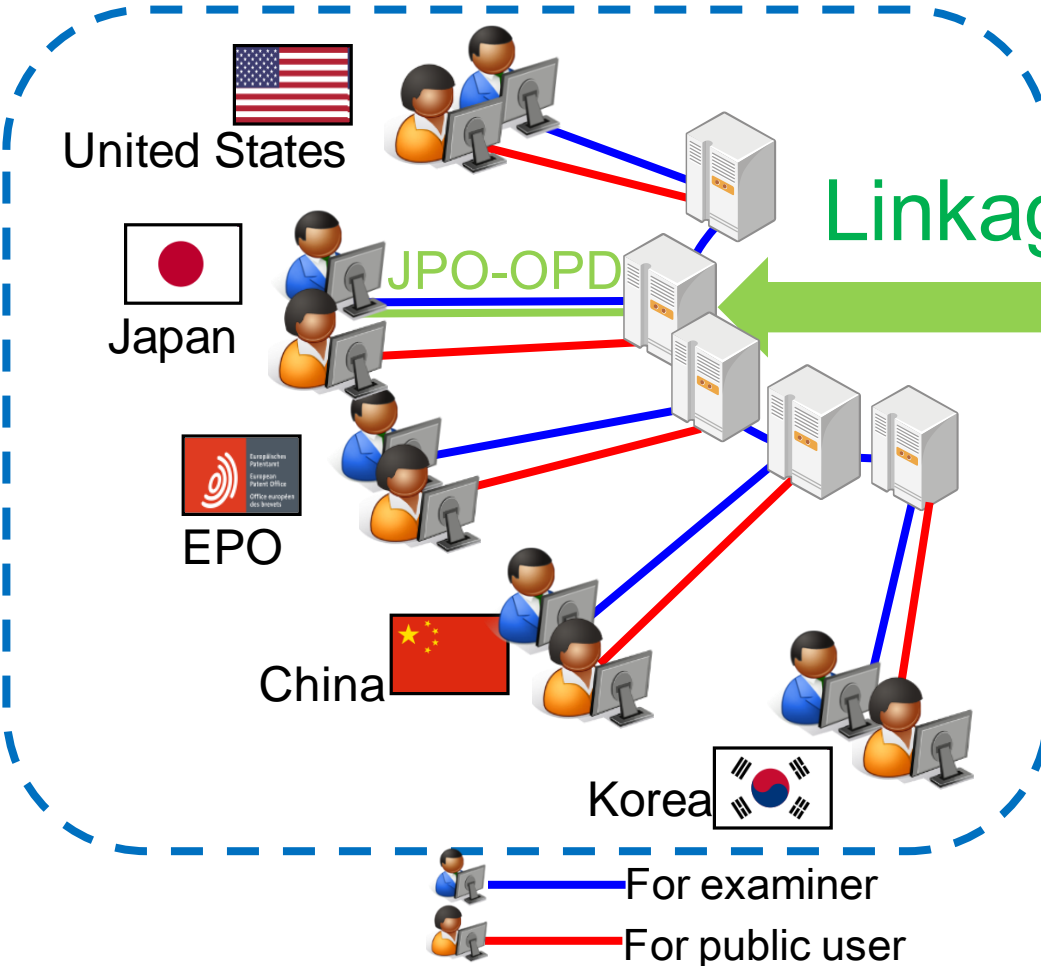
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出願番号 EP.200516.A	出願番号 JP.0011222.A 出願日 1999-12-01 書類照会画面 公開番号 JP.0098769.A1 登録番号 -	15	表示
		分類・引用情報	照会番号入力
		書類グループ ALL	サービス時間/障害・メンテナンス情報
			DOCDBIについて

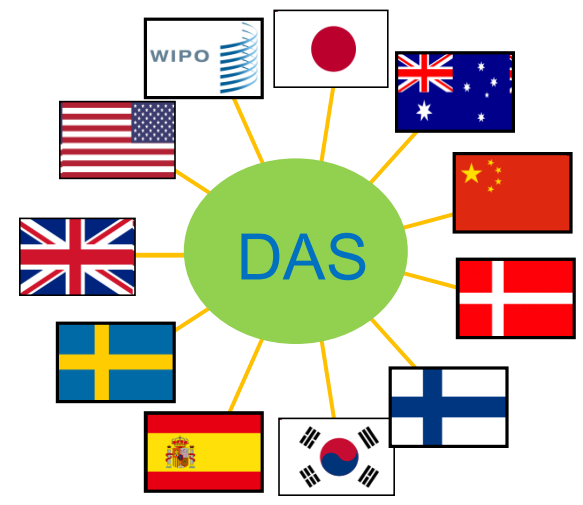
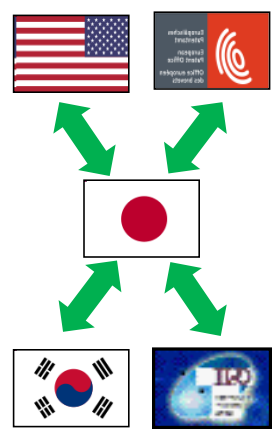
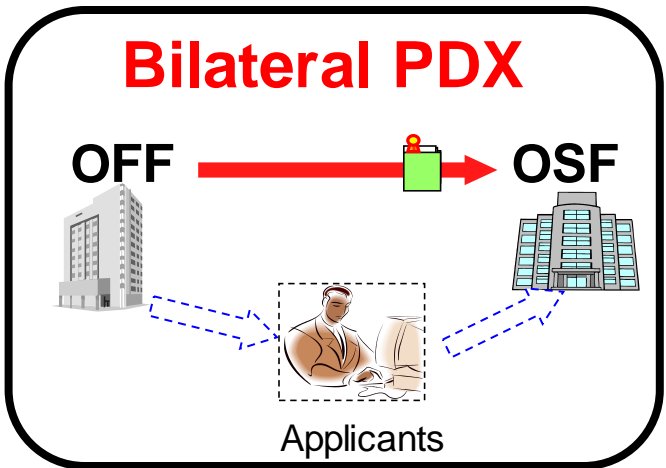
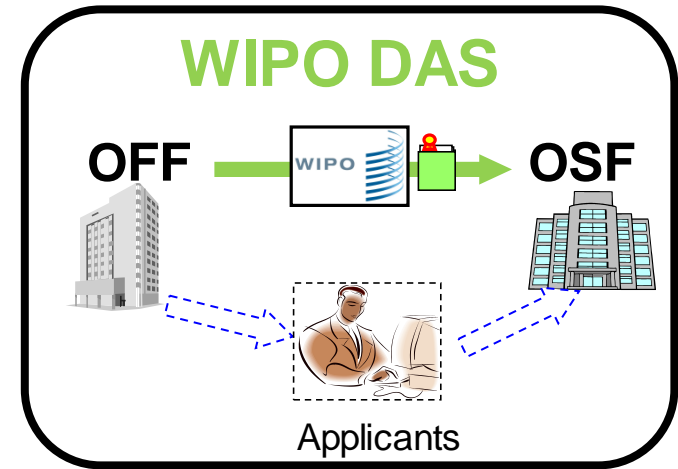
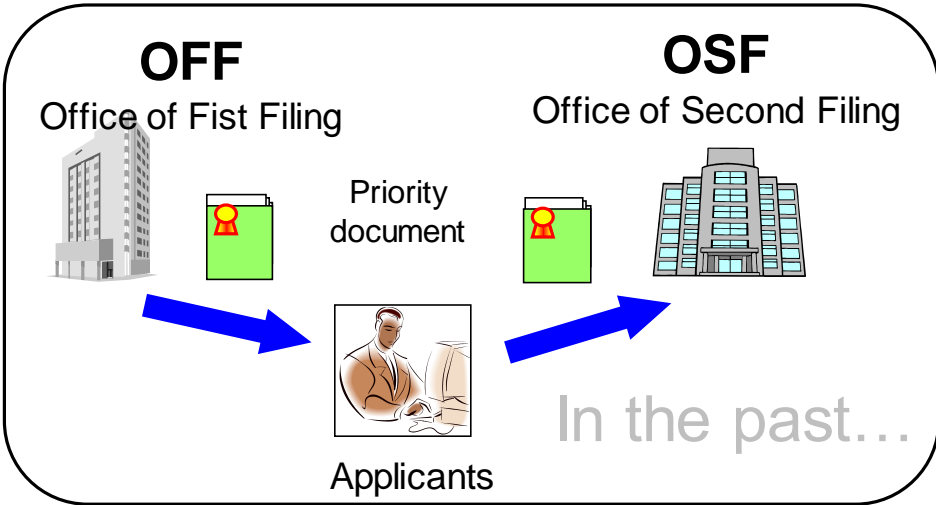
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出願番号	EP.100001.A	出願番号	US.120001.A	出願番号	KR.557891.A	出願番号	CN.130002.A
公開番号	EP.100011.A1	公開番号	US.564471.A1	公開番号	KR.125549.A1	公開番号	-
登録番号	-	登録番号	US.564484.B1	登録番号	KR.125578.B1	登録番号	CN.553322.S1
出願日	2000-10-17	出願日	2002-09-09	出願日	2001-02-11	出願日	2005-10-14

提出日	書類名	提出日	書類名	提出日	書類名	提出日	書類名
2005-12-31	Application Data Sheet	2005-12-31	Applicant Arguments or Remarks Made in an Amendment	2005-12-31	Anmeldung gilt als zurückgenommen (keine Antwort auf Bescheid der Prüfungsabteilung)	2005-12-31	Beschreibung
2006-01-01	Applicant Arguments or Remarks Made in an Amendment	2006-01-01	Claims	2006-01-01	Stattgabe der Fristverlängerung (Prüfungsverfahren)	2006-01-01	Specification filed by fax and/or in non-official language
2006-01-02	Claims	2006-01-02	Fee Worksheet (PTO-06)	2006-01-02	Accord d'une prorogation de délai (procédure dexamen)	2006-01-02	Documents de la demande déposés par fax et/ou dans une langue non-officielle
2006-12-31	Fee Worksheet (PTO-06)	2006-12-31	Application Data Sheet	2006-12-31	Request for extension of time limit to communication from the Examining Division	2006-12-31	Acknowledgement of receipt of electronic submission of the request for grant of a European patent
2007-08-30	Preliminary Amendment	2007-08-30	Drawings	2008-01-01	Preliminary Amendment	2008-01-01	Dessins
2008-01-01	Drawings	2008-01-01	Claims	2008-01-01	Abstract		
2008-09-01	Abstract						

OPD: Dossier sharing system among IP5 Offices

WIPO-CASE: Dossier sharing system empowered by the WIPO





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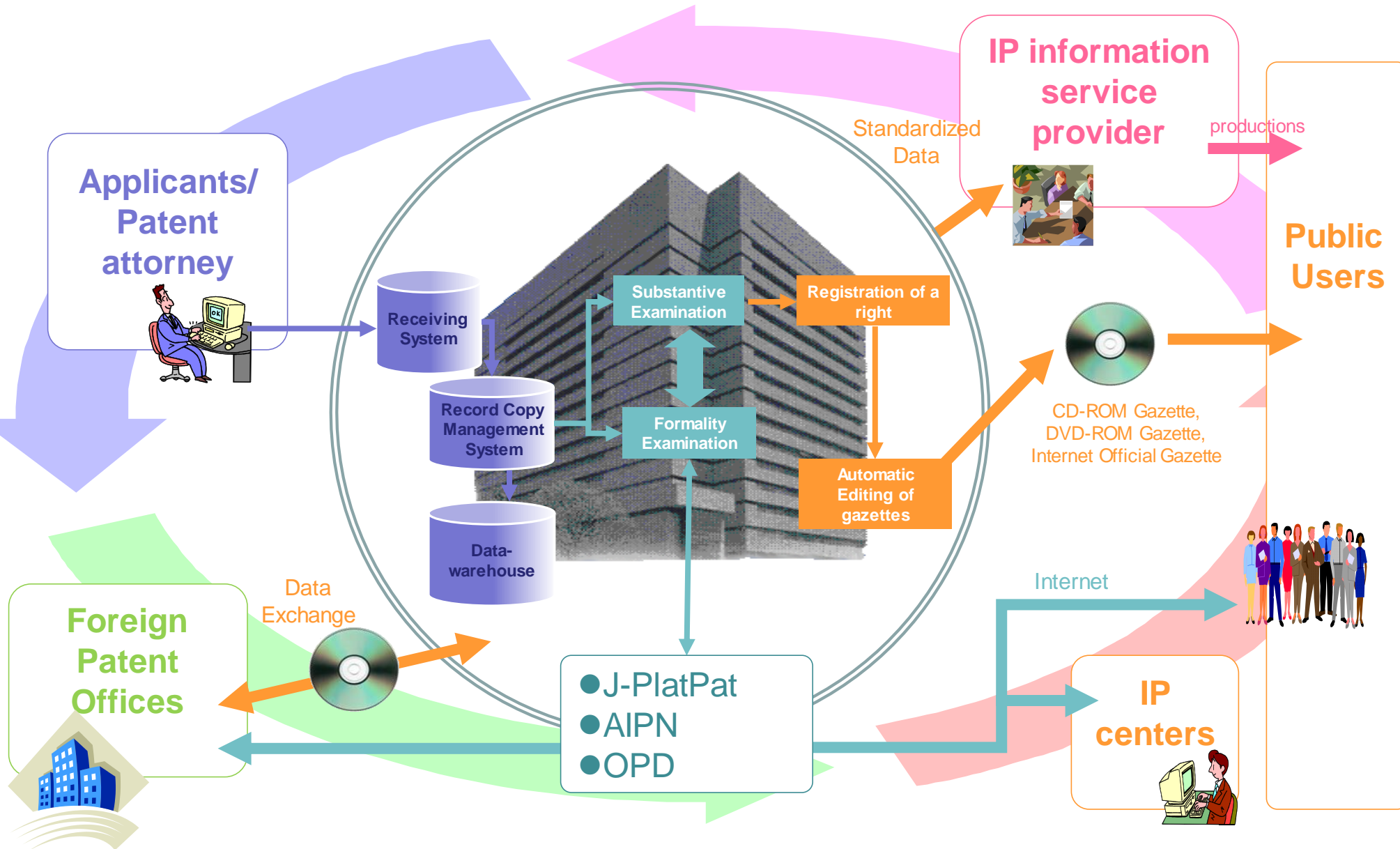
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