
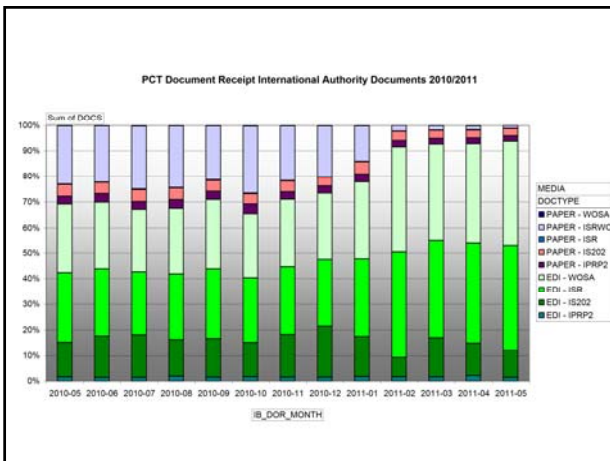
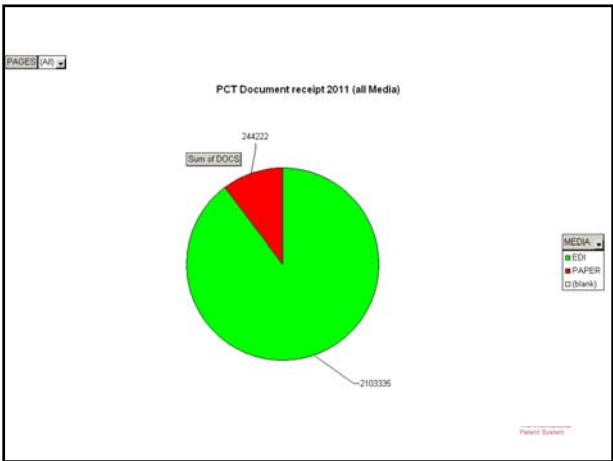
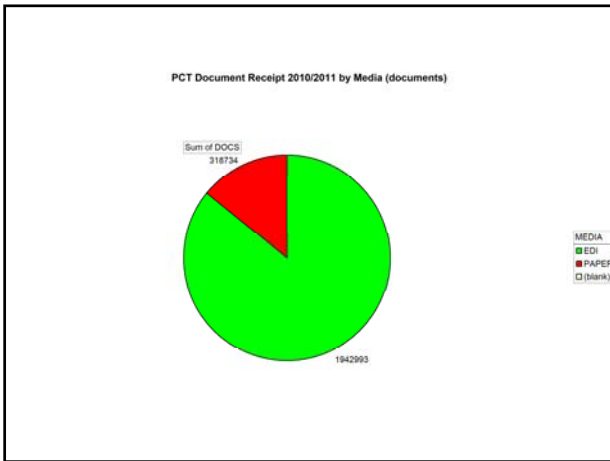


PCT EDI Development

Peter Waring
Head Technical Cooperation, PCT International Cooperation Division


PCT-EDI Development

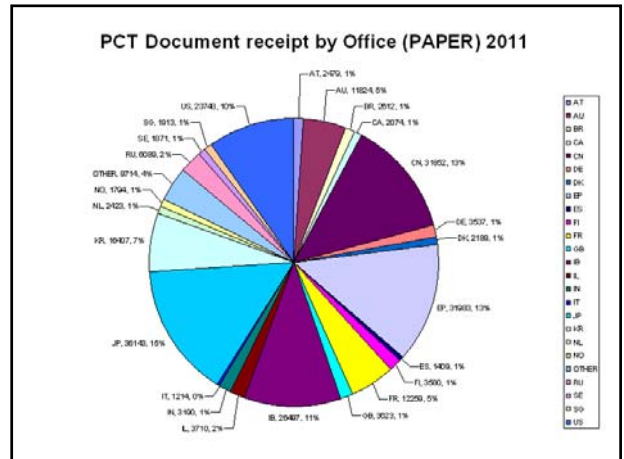
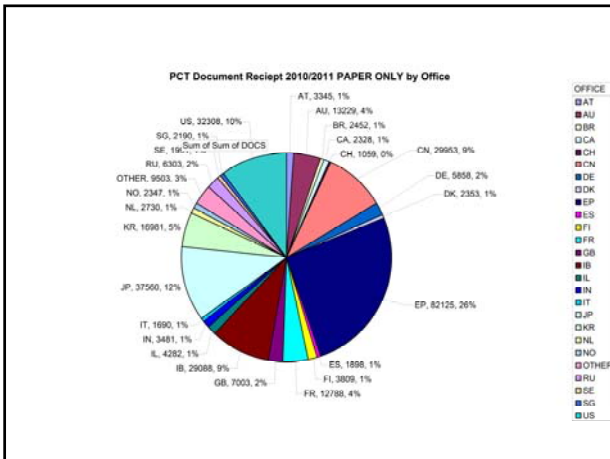
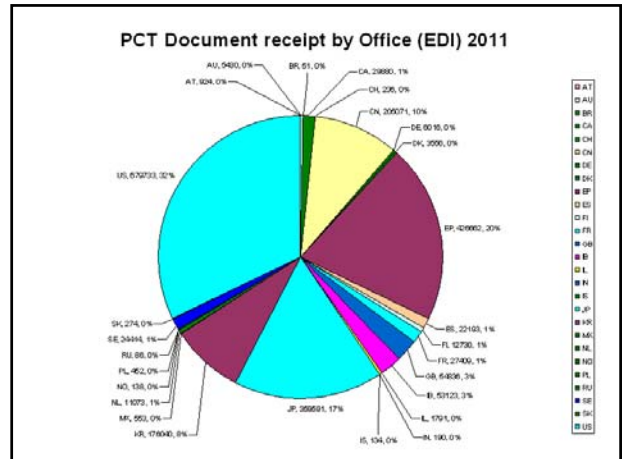
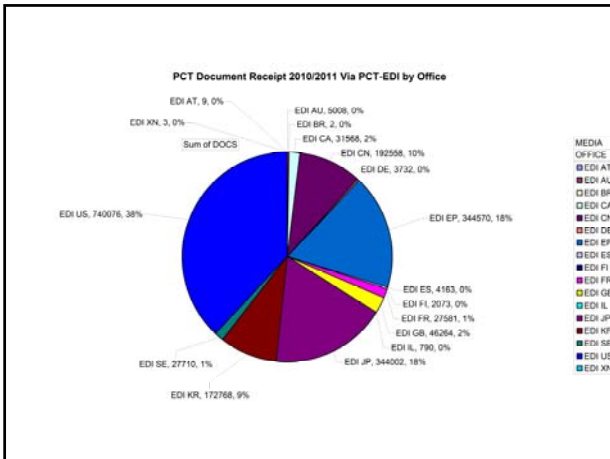
- **Status of Transmissions (paper vs electronic 2010/11)** ←
- PCT EDI Infrastructure
- Transmitting documents to the IB
- Receiving Documents from the IB
- Future development

PCT EDI by Office report

- Document Receipt
 - Total transmissions from Offices (EDI + paper)
 - Electronic transmissions from Offices (EDI)
 - Paper transmissions from Offices (Paper)





PCT-EDI Development

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WIPO/PCT
The International
Patent System

PCT EDI Infrastructure (I)

- Secure FTP Server hosted at IB
- Key-pair based authentication
- Defined process for 'upload' and 'download'
- Defined formats - Annex F and 'min-spec'

WIPO/PCT
The International
Patent System

PCT EDI Infrastructure (II)

- Automatic process management at IB
 - Fully automated processing of 'good' batches
 - Dashboard system for managing problematic batches
 - Office feedback status files
- Office must implement a batch extraction programme to:
 - Avoid duplicate transmissions
 - Send all documents marked for sending
 - Send consistently formatted document batches
- Office implementation choices:
 - Manual transfer e.g. using WinSCP
 - Automated transfer e.g. using a Java/Perl toolkit

PCT-EDI Development

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PCT EDI Transmitting documents to IB

- Refer to The Minimal Specifications for transmitting documents to the IB
- Office can build an extraction for the local system to send the following batches of documents:
 - RO documents
 - ISA/IPEA documents
 - Fee data
 - National Phase Entry data

PCT EDI Transmitting documents to IB

- Test phase
 - Required for each type prior to production
 - Rules provided in "The Minimal Specifications for transmitting documents to the IB"
 - Manual feedback also provided
- Production
 - Following agreed end to testing
 - IB processes documents into the IB database and provides automated feedback
 - Manual feedback also provided when errors cause import failures

All possible values of status

- RECEIVED
- BAD_NAME
- **BAD_CONTENT**
- BAD_FOLDER_NAME
- DUPLICATE
- RECEIVED_NOT_LISTED
- BAD_NAME_NOT_LISTED
- **BAD_CONTENT_NOT_LISTED**
- BAD_FOLDER_NAME_NOT_LISTED
- DUPLICATE_NOT_LISTED
- MISSING

PCT-EDI Development

- Status of Transmissions (paper vs electronic 2010/11)
- Security / Infrastructure
- Transmitting documents to the IB
- **Receiving Documents from the IB** ←
- Future development

PCT EDI Receiving Documents from IB

- Offices can build an import facility for the local system to receive the following batches of documents:
 - IB Forms
 - Documents for National Phase Entry
 - ISA Search Copies from RO-IB
 - ISA Search Copies from other ROs
- The IB can run in parallel sending both via PCT EDI and paper during a testing phase


PCT EDI Receiving Documents from IB

- IB Forms
 - IB forms are produced and packaged in min-spec compliant batches on a daily basis
 - TIFF WAD format
- Documents for National Phase Entry
 - Four options to choose from
 - PATENTSCOPE Webservice (Machine to Machine)
 - PADOS (Portal plus min-spec compliant batches)
 - PATENTSCOPE Website (Portal + download)
 - DVD (R87, A20)

PCT EDI Receiving Documents from IB

- ISA Search Copies from RO-IB
 - RO-IB search copies are produced and packaged in min-spec compliant batches on a weekly basis
 - TIFF format - batch files containing an electronic equivalent of the paper search copy (min-spec compliant)
- ISA Search Copies from other ROs
 - This service is not yet available, but when implemented will deliver e-search copies using one common format from participating receiving Offices
 - The format (min-spec compliant) will be an improvement on the RO-IB format and will supersede that format

PCT-EDI Development

- Status of Transmissions (paper vs electronic 2010/11)
- Security / Infrastructure
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PCT EDI Future development

- How does PCT-EDI relate to ePCT-Office?
 - PCT-EDI can be fully automated
 - PCT-EDI is the a bulk data transmission system
 - ePCT-Office is a system for users
- Increasing numbers of Offices
 - More Offices each year are transmitting to IB via PCT-EDI
 - Start to use PCT-EDI when ready and tested

PCT EDI Future development

- Increasing document quality in the future
 - Increasing XML documents
 - ISR / WOSA / IPER
 - Scan once re-use IB copy
- Increasing document types
 - Third party observation system
 - Search strategy
- Expected changes for PCT-EDI
 - Minimal Specifications document types listing growth
 - Possibility of improved reporting

PCT-EDI Development

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QUESTIONS?