

enjoy **AraWorks** & success your Business !!!

AraWorks 전자문서관리시스템에 오신것을 환영합니다.

로그인을 하시면 클라우드 스마트워크를 이용하실 수 있습니다.



[사용자등록](#)

VISION & PHILOSOPHY



PROMISE

➤ Easy & CostSave

사용하기 쉽고 비용이 싸야 한다

We have own proprietary metadata management techniques and solutions through AraWorks and support the convenience and reliability, and efficiency of Customers' Document life-cycle Management with the low cost. All of our product development decision-making and core technologies, application technologies and services from the development of your idea. Anytime, anywhere access to needed services in a convenient system and promises to provide, on the basis of the value of its own development, with unremitting efforts to develop products that will do .

매뉴얼이 필요 없이

누구나 사용



TRUST

➤ Quick & Safety

빠르고 안전해야 한다

我们在30年以上的经验基础上，以客户需求为中心，利用新技术开发了产品。基于用户层的分析和现场的要求事项，开发能对应社会习俗变化、代际冲突、未来变化和革新的产品中。在众多客户的成功事例的基础上，我们承诺，持续提供信赖的产品和服务。

사내 보관으로

안전하고 빠르다



CHANGE

➤ Longterm Collaboration

장기적인 협업교류가 되어야 한다

1等ではなければ生き残ることができない現実の私達は、常に肯定的な変化のために努力し、柔軟な思考と積極的な行動で核心技術の拡張、検証された方法の適用、新しい概念の論理、信頼性がある製品とサービスの提供などで将来をご用意しています。このような内外的变化に対応する慧眼を持って、顧客の安定的なドキュメントのライフサイクル管理を維持するようにして信頼を与える企業で成長と変化続けています。

협업을 위한

히스토리 관리

HISTORY



2006

National Tax Services Image System Development & Service
Document Warehouse Management & Search System of Valex Company, Development & Service



2008

Web Base Document Image System, e-Serapeum Development



2010

eDoc Cabinet – ScaNara & Qbutton Development
Form Recognize & Form OCR Development



2011

AraWorks Concept & Development Plan Approach to Korea Government R&D Support System



2012

Korea Government accept the AraWorks Development Plan & Donation the R&D cost during 2 years
(Korea Govt : US\$500,000 donation & Company : US\$200,000 donation)



2013

AraWorks 1st ver. Patent application (Integrated eDoc Management Smartwork Platform with the cloud base)
Ministry of Justice probation office use AraWorks for PDF Doc Management System



2014

AraWorks & AraCloud Business Workflow development finish (Total development cost : US\$1,000,000)
S/W performance evaluation test from the Govt official testing institution

OUTLINE

CCC & DLCM

(Contents Centralizing Cloud & Document Life Cycle Management)

Document Centralized Structure !

Document LifeCycle Management !

Hybrid Cloud Technology for Doc.Archiving !

AraWorks

UniCode based Multi Language !

- STD - 한국어, English, 中国語, 日本語
- Others - Language Pack API Support

- ◆ Free Platform : Linux, Windows, Unix
- ◆ Multi DB : Mysql, Oracle, MSsql, etc.
- ◆ All Browser : Java based programming
- ◆ Any Device : PC, iOS, Android, etc.



DocRegist

①SignDoc ②AtificalDoc ③e-Book ④all Contents ⑤Originality



DocSearch

①SignAlarm ②Rec.Doc ③Notice ④InquirySearch ⑤WebViewer



DocTrans

① @mailsend ② #mailsend ③FAXsend ④FAXreceve



DocScan

①DocScan ②ImageEditing ③PDFConvert ④eDocRegist



DocExpire

①DisposalList ②1st Disposal ③2nd Disposal ④Permanent Disposal



e-Book

①Production ②Registration ③Modification ④UseProtection

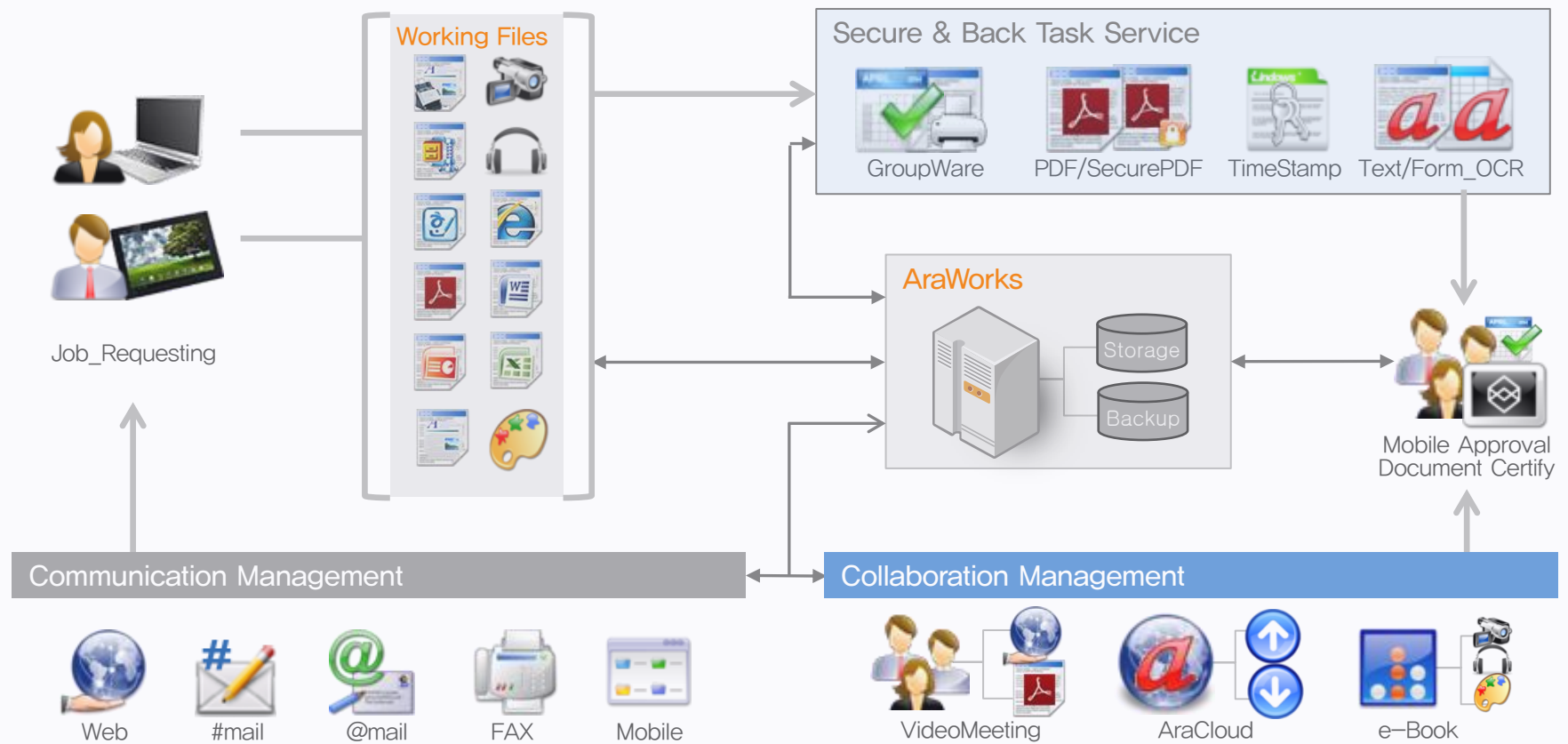


VideoMeeting

①Collaboration DocSharing ②BrowerSharing ③WhiteBoard

CONFIGURATION

AraWorks Configuration – example use case

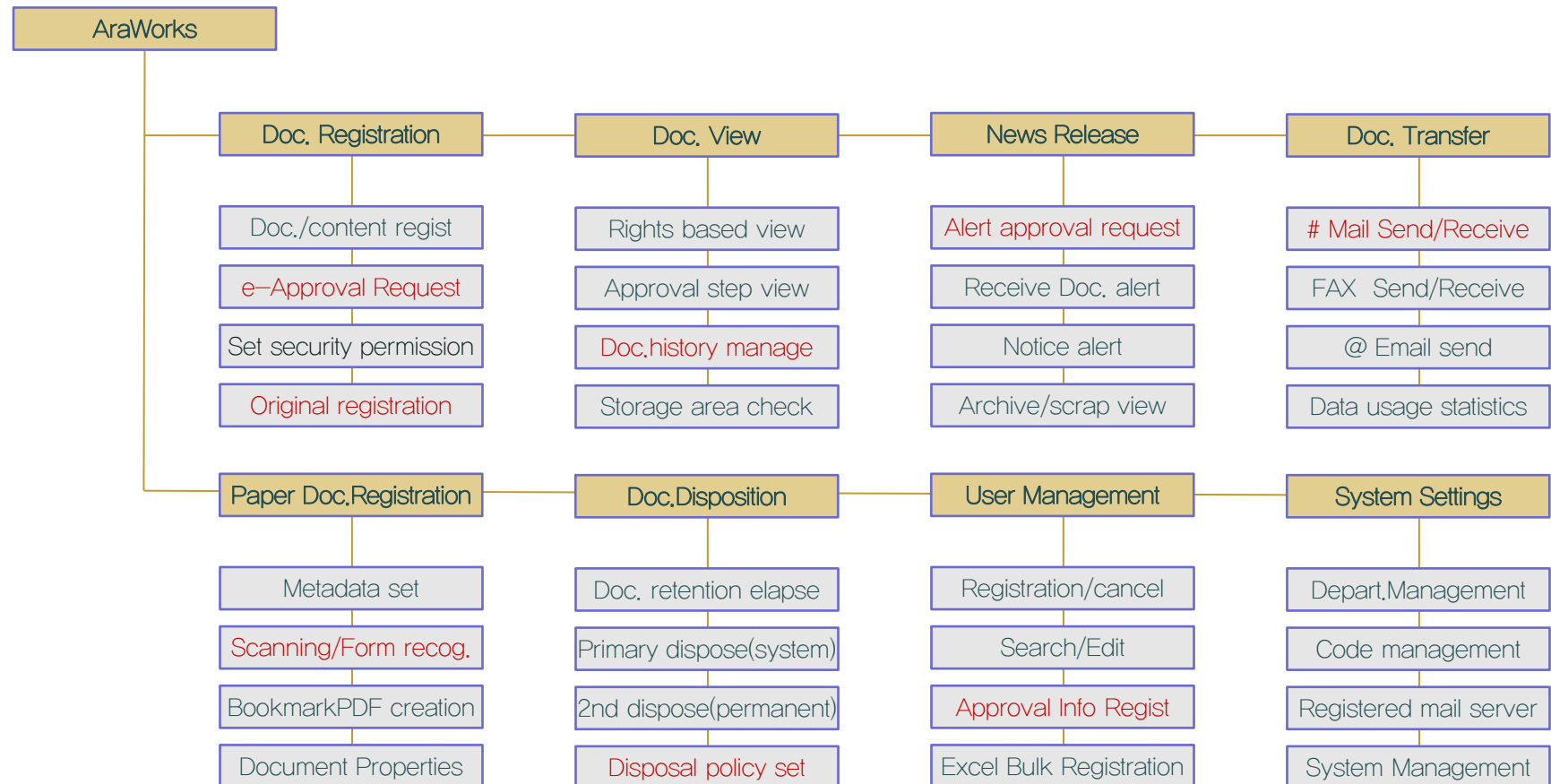


AraWorks FunctionMap

CCC & DLCM
(Contents Centralizing Cloud & Document Life Cycle Management)

Araworks for users in the enterprise and organizations that document / content registration / management / distribution / search / settlement / disposal of all life-cycle management.

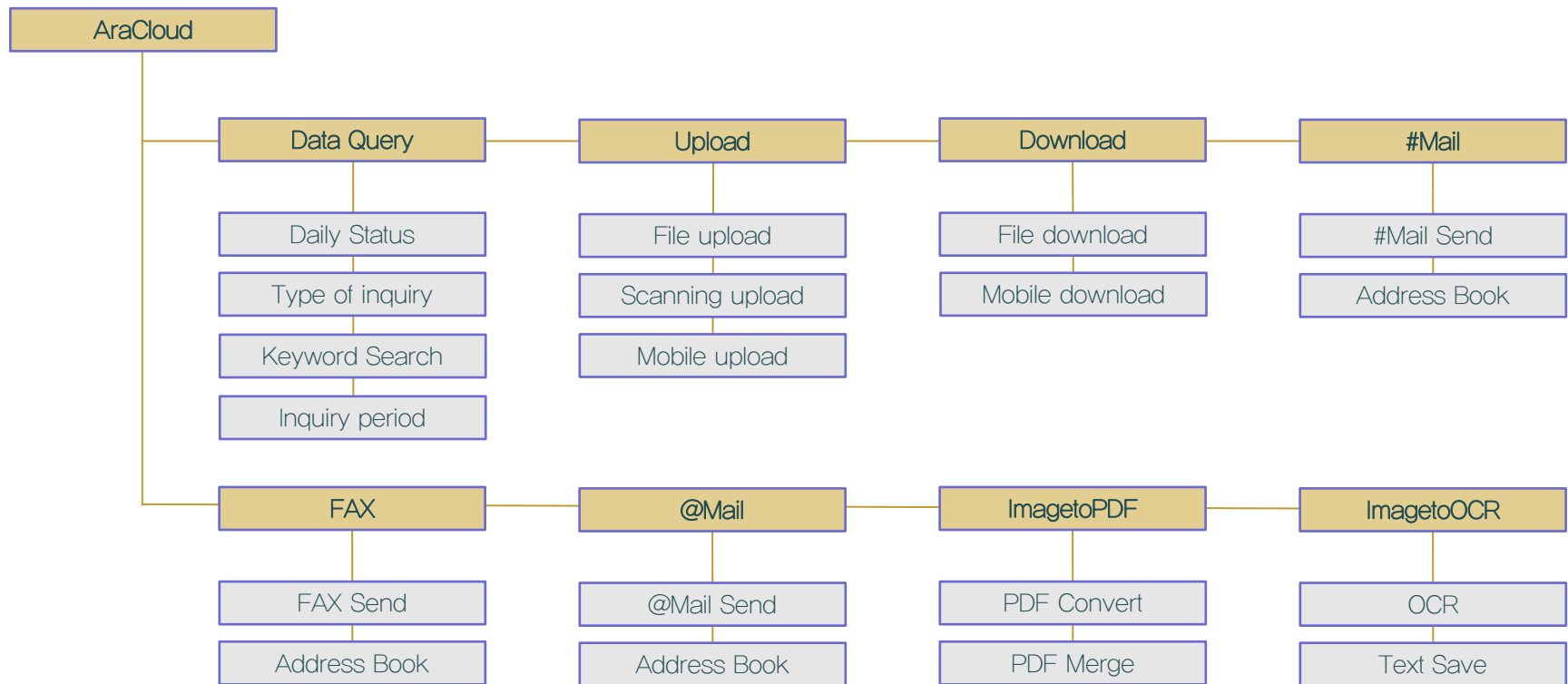
→ Browser-based PC / iOS / Android, etc., regardless of the platform can be used freely.



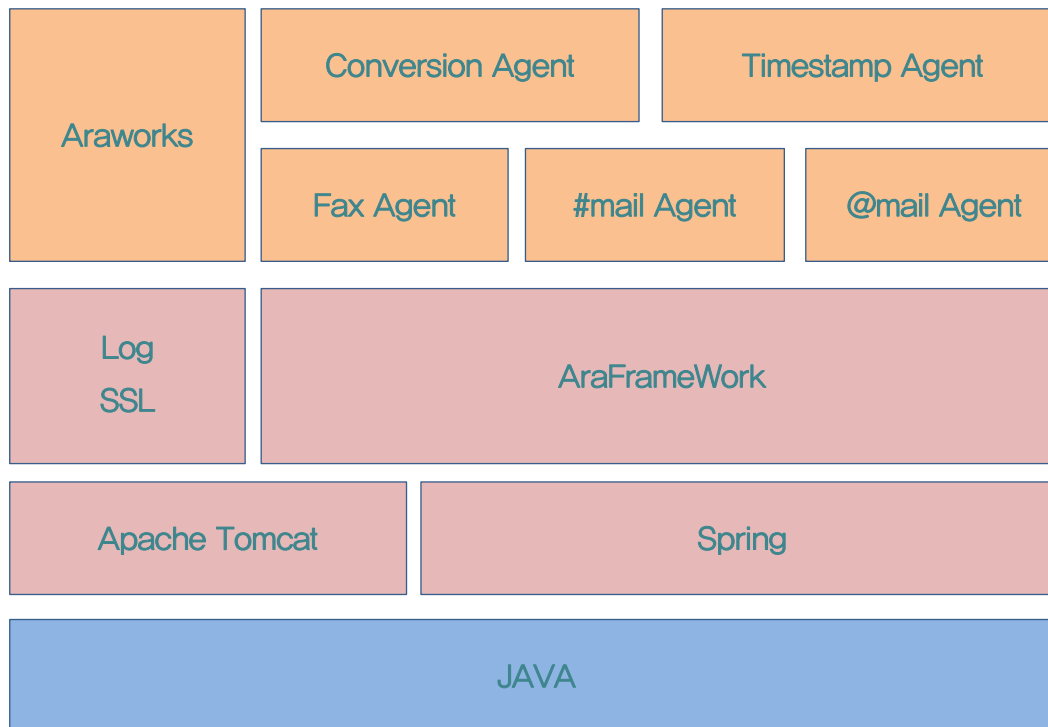
AraCloud FunctionMap

AraCloud is the company/organization, collaboration, cloud storage space for all document & content storage/distribution/ utilization to support the system.

→ The browser-based cloud is free to use in-house with no additional cost.



Achitecture & Component



Service	Open Source	Version
Core	Spring Framework	3.0.5
Server Security	Spring Security	2.0.4
Ajax Support	Ajax Tags	1.5.5
Data Access	iBatis SQL Maps	2.3.4
ORM	Hibernate	3.4
Cache	EHCache	2.3.4
Scheduling	Quartz	1.8.5
Compress	Common Compress	1.1
Mail	Common Email	1.2
XML Manipulation	Xerces 2	2.10.1
	JDOM	1.1.1
FTP	Commons Net	3.0.1
Process Control	Spring Web Flow	2.0.5
Excel	jXLS	0.9.9
Object Pooling	Commons Pool	1.5.6

Function List

STD—Standard, BIZ—Business, ENT—Enterprise

	Major Functions	STD	BIZ	ENT
1	Document/Contents Registration			
	Metadata automatic generation/selection functionality	●	●	●
	Read access/modify permissions assignment function	●	●	●
	Publication/download period custom features period	●	●	●
	MyPC/AraCloud attachment function of the document	●	●	●
	PDF document conversion feature	●	●	●
	e-Doc approval module and approved Doc. printout	X	●	●
	The original registration function of PDF Doc/convert	X	X	●
2	Document/Contents Search			
	Subject/Content/Author keyword search function	●	●	●
	Period created the Find feature	●	●	●
	Document history management	●	●	●
	7 kinds of metadata by automatic search function	●	●	●
	Attached document preview function	●	●	●
	Image Web Viewer	●	●	●
	PDF Web Viewer	●	●	●
	Downloading function of attachments	●	●	●
	Secure-PDF and security policy-making functions	X	●	●
	Checking the originality of PDF document	X	X	●
	PDF selecting for eBook(teaching/presentation) making	X	X	●
3	News Release			
	List of documents received	●	●	●
	Notice List	●	●	●
	Archive function	●	●	●
	Scrap function	●	●	●
	Approval by the approval process reminder function	X	●	●
4	Document Transfer			
	@ Mail server registration and sending list	●	●	●
	# Mail registration and send/receive list	●	●	●
	FAX send list	●	●	●
	FAX No. Registration and Receive list	●	●	●
	General Data Usage	●	●	●
	Usage electronic documentation	●	●	●

	Major Functions	STD	BIZ	ENT
5	Document scanning			
	Scan feature	●	●	●
	Image edit and PDF conversion & registration feature	●	●	●
	Classification form sorting with the scanned documents	X	●	●
	Bookmark PDF creation feature	X	●	●
6	eBook authoring features			
	PDF List for production	X	X	●
	eBook List	X	X	●
	eBook(mobile teaching/presentation) production function	X	X	●
	Password/UsingPeriod setting function	X	X	●
7	Video Meeting			
	Master conference opening function	X	●	●
	Conference document upload feature	X	●	●
	Website sharing feature	X	●	●
	Chatting dialog function	X	●	●
	Electronic whiteboard function	X	●	●
	Authority control of participants	X	●	●
8	Document Expire			
	Dispose of the target document list	●	●	●
	Disposal document Detail	●	●	●
	Disposition function	●	●	●
	The primary/permanent disposal capability	X	●	●
9	Management Function			
	My information modify	●	●	●
	User Management	●	●	●
	System Settings	●	●	●
	Multi language(한국어,English,中国語,日本語) support	●	●	●

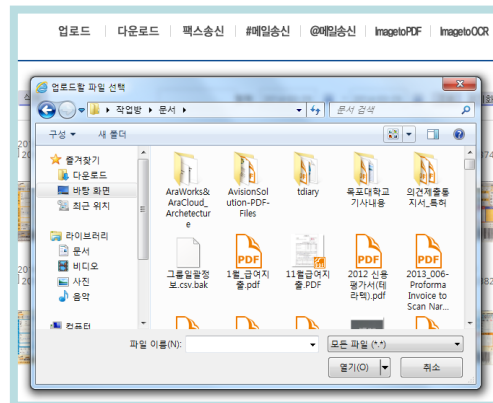
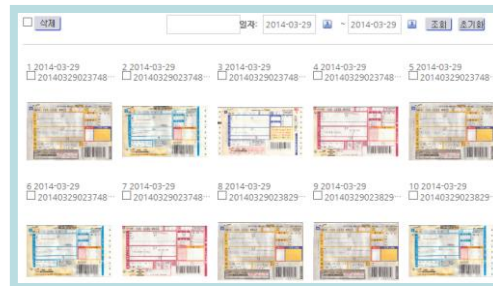
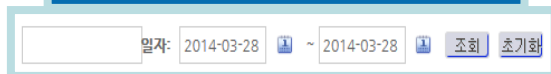
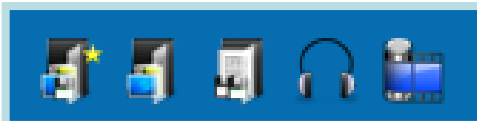
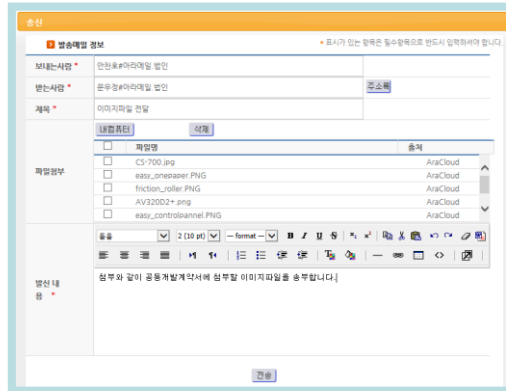
AraWorks screen design

Simple
Intelligent
Safety
LongTerm
Collaboration

작성부서:	작성부서 선택
작성년도:	작성년도 선택
결재구분:	결재구분 선택
문서유형:	품의서 지출결의서 충당보고서
제품분류:	휴가/명가신청서 연장근무신청서
보관관소:	경조사신청서 신가문서유통비용결재 기타절제



AraCloud screen design



AraWorks VideoMeeting & e-Book Tools & Viewer

Any OS, Any Device, Any Where,
You can use AraWorks OpenFace !!!

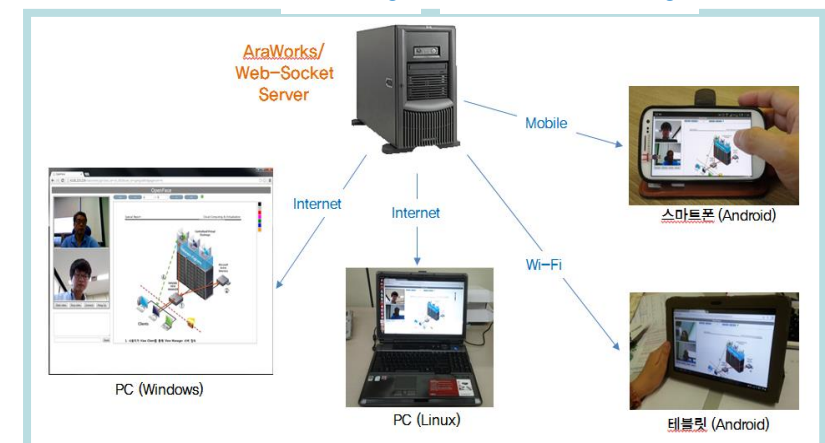
- No Application, No ActiveX, No Download
- Only HTML5 Web Browser operating



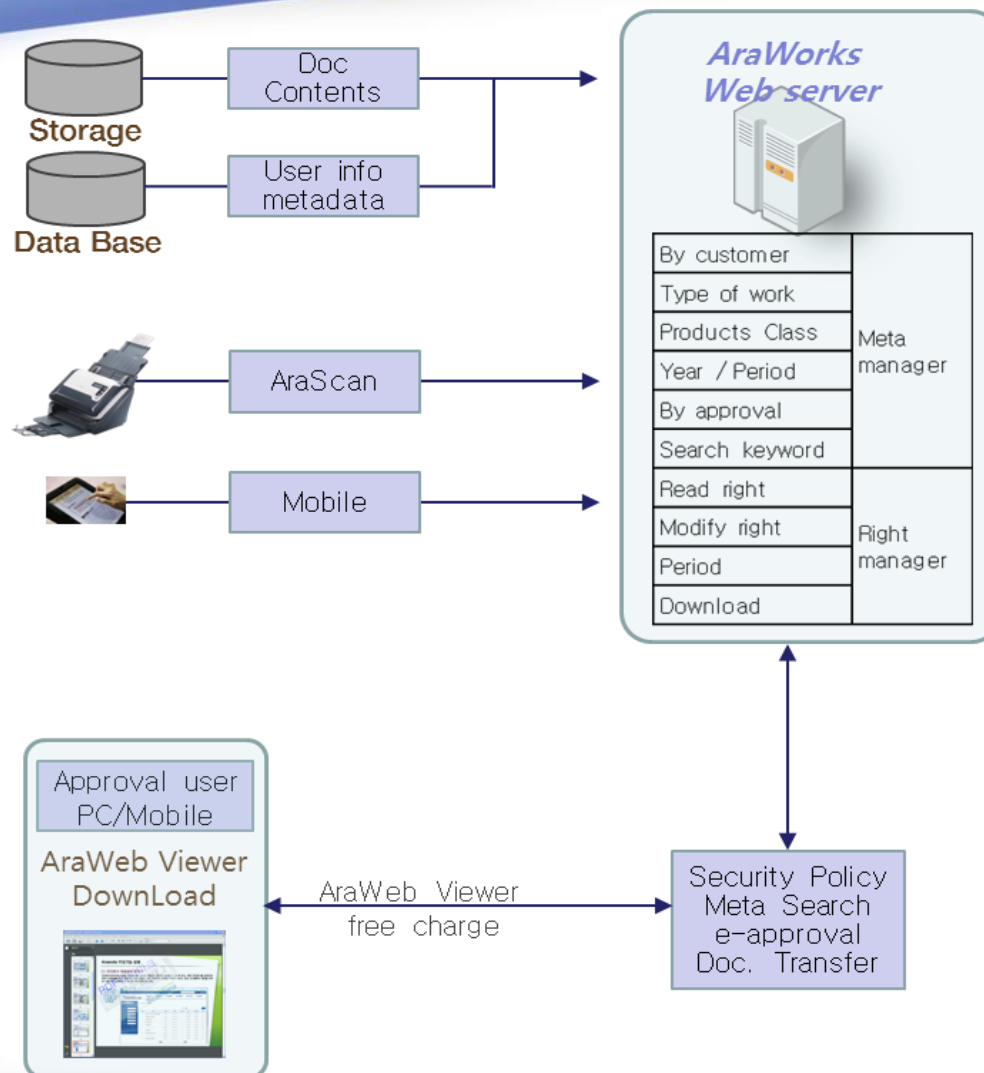
Video Meeting White Board



Chatting Doc/Web Sharing



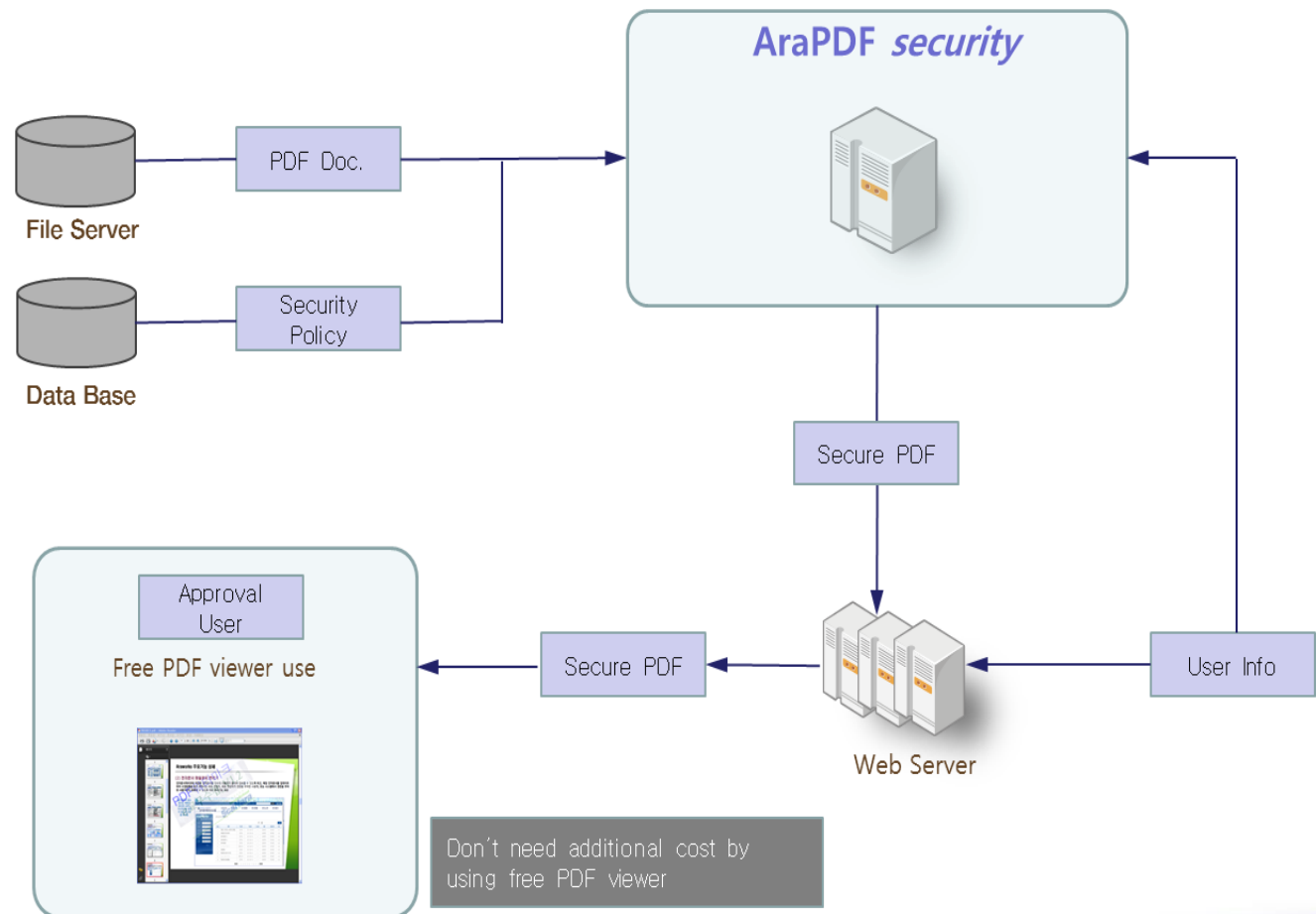
Application Example –1



- Several people working on the design for centralized management, metadata information can be found the target Doc. quickly and easily with a solution
- General documents registration / modification / views of the same structure as metadata management and document transfer is acceptable external
- The e-Approval can be used on anytime / anywhere with PC / Mobile devices.

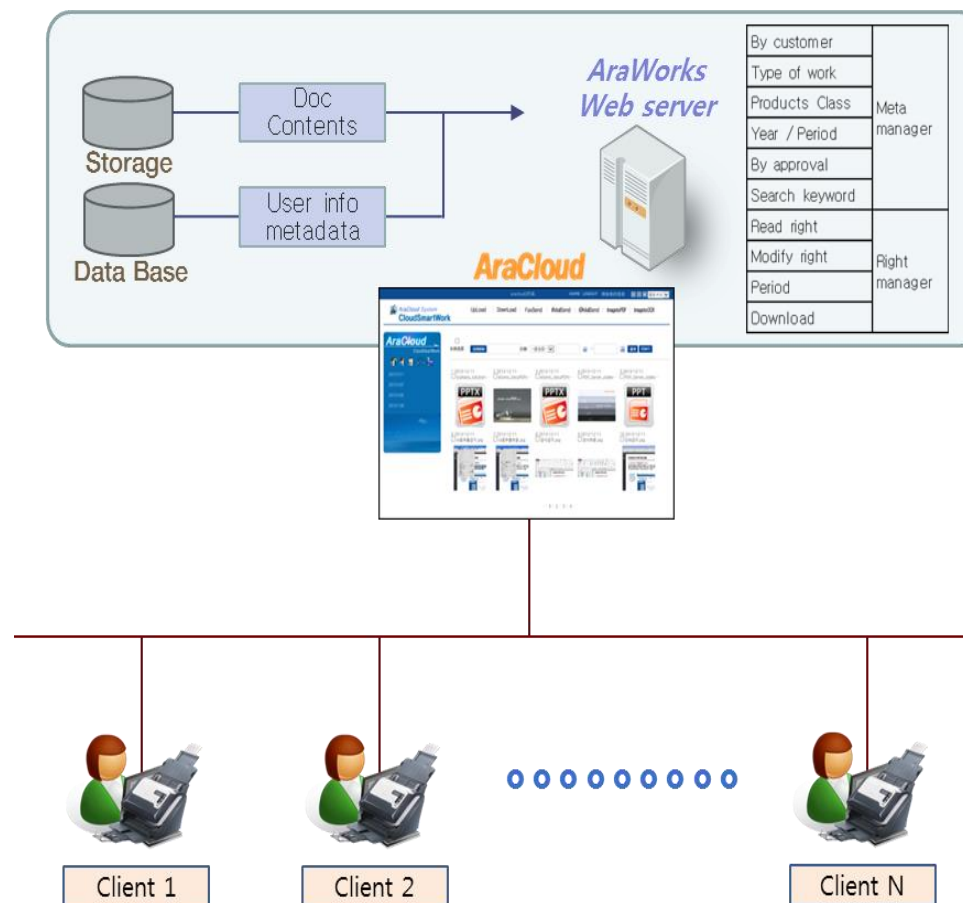
Application Example –2

- PDF documents with applying a security policy and the document can be viewed by an authorized user / permissions.
- ID and IP—specific authorization, copying, printing, editing, annotation, and specify a document watermarking ability to control leakage
- Mobile App production is customized according to the requirements of the environment and minimize the period, including production and customer logo



Application Example –3

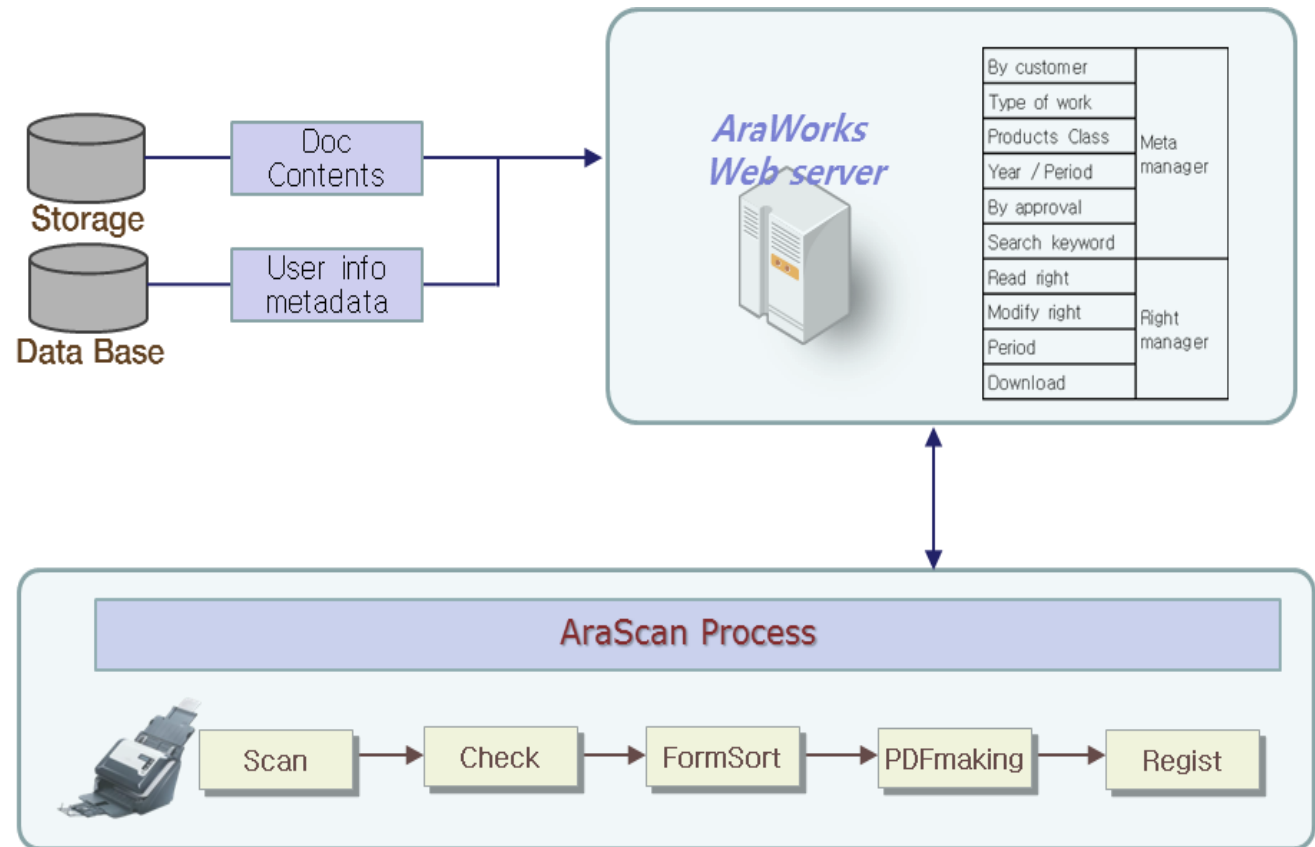
- The Contract/Invoice/Receipt/ Slip arising from various points of the sales branches can be centralized by this management system.
- Documentation and history management by Organization and the Web based data management solutions for the quick and easy searching
- The receipt/slip occurring in the field can be registered to this system by a smartphone capture or a mobile scanner.



- The online clients slips/receipts/ litigationdata/courier can be processed by this system, like as the Lawyer/Accounting/ Courier offices.
- ID management and work authorization by the client
- The paper documents can be scanned & automatically upload to the separated client cloud storage only to press a button, just like as a fax sending. You does not need to use the complex & overcost scanning program.

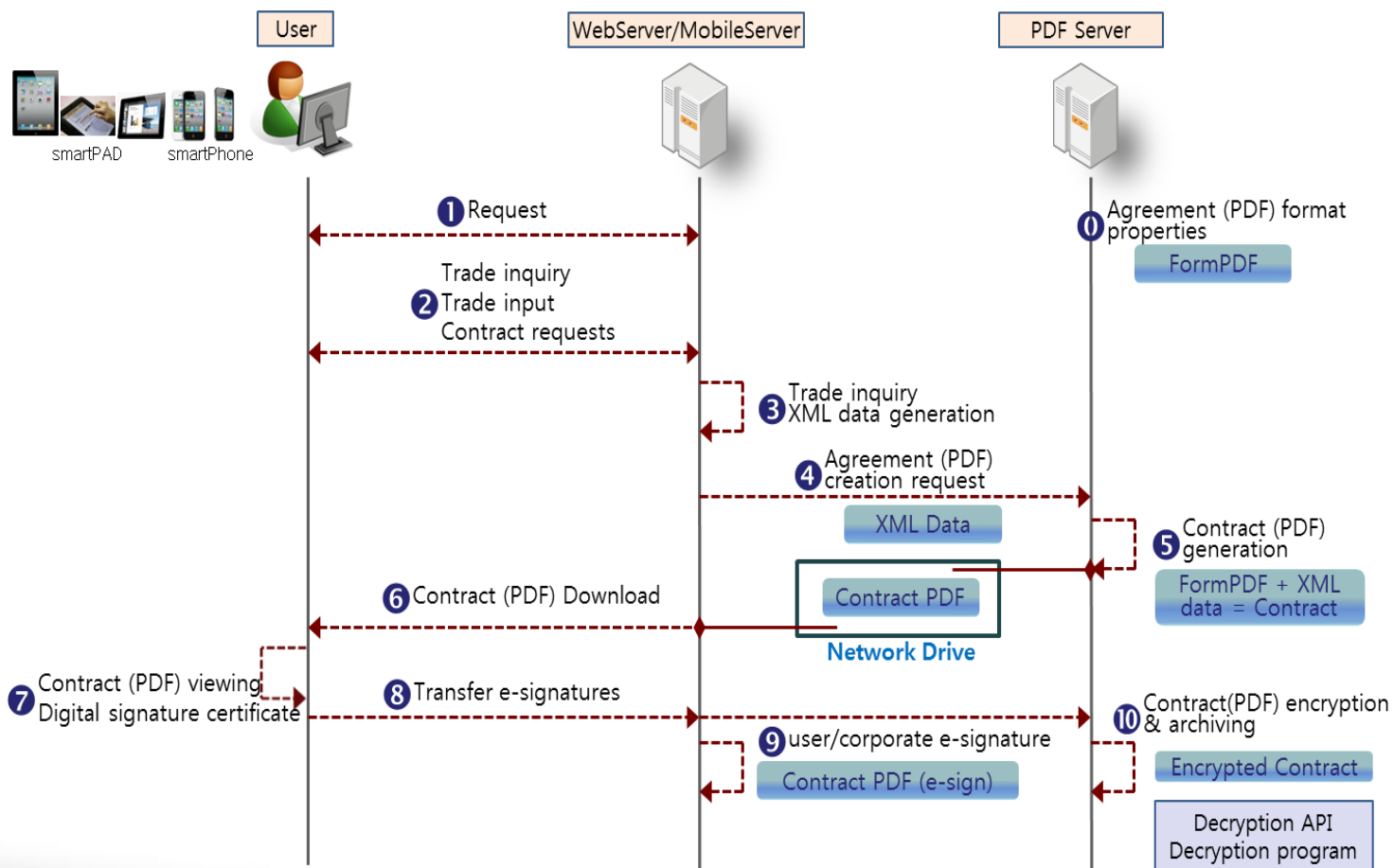
Application Example –4

- Loan documents, customer cards, insurance documents, lease documents and the customers managing paper can be scanned by the form sorting & the bookmark–PDF generation S/W with the automatically web registering.
- Documentation and history management by Organization and the Web based data management solutions for the quick and easy searching
- Register Form / Form OCR / Form sorting S/W is supplied by the site or job license.



Application Example –5

FormPDF Contract Management Process



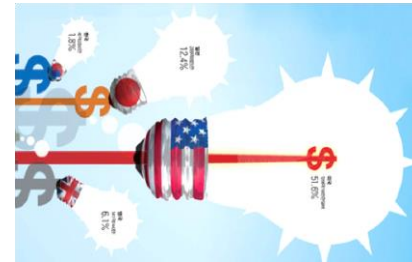
- The Contract creation & encryption & management solution by the customers information writing to the FormPDF format
- Accompanied by an electronic signature and PC / Mobile can be writed & viewed the contract.
- Mobile App production is customized according to the requirements of the environment and minimize the period, including production and customer logo

Social Contribution

We shall achieve the social contribution with continuous efforts to supply low-cost & high-efficiency products by ICT skills technology !



Provide the quality of life with
the green environmental
practices and the improved
energy waste prevention



Establishment of open
source
200 billion won one year
Royalties and income-
saving alternative



2,1 trillion won save per year
Prevention of resource waste
810,000 tons of carbon
emissions reduction



Nation of 300 million SMB
To enhance competitiveness
Create jobs and overseas

Thank You, Sir !

Manufacturing & Supplier

Teratech IT Division – Konex Stock Market No.1 Listed Company

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Factory _ 74-9, Neungmal-gil, Daedeok-myeon, Anseong-si, Gyeonggi-do