

DOCUMENT SERVICES VIA MOBILE DEVICES

Xerox Corporation

Initial Bidding Guidance: High 6 Figures

With early priority dates from 2001, this portfolio provides improvements to document services via mobile devices, including, but not limited to, the following:

1. Method and apparatus to process document service requests originating from a mobile computing device with at least two channels that bridge communications between a document server and an output device operating on separate networks lacking adequate preexisting connectivity. [6,922,725 & 7,409,434]
2. Method and apparatus for submitting a document service request from a mobile device on a native network, identifying a document and its location on a file server on a second network, requesting an output server operating on the native network to retrieve and convert the identified document into an output-ready format, and resending the output-ready document over a local connection to carry out the document service request. [7,409,452 & 7,930,407]
3. Method to securely execute print jobs transmitted via wireless internet to a printing system from a user terminal operatively connected with a mobile device that stores the print job account information. [7,576,883]
4. Method for securely printing documents, which decomposes a print job into an incomplete print job envelope and completing data, stores the completing data on a removable USB drive, and ultimately, reconstructs the print job at the printing device. [7,667,865]
5. Method for printing files using a mobile computing device that accounts for changes in the user's itinerary and assists the user when printing from unfamiliar locations. [8,346,903]

Forward Citing Companies: AT&T, Brother Industries, Canon, Cisco Systems, Fujifilm, Google, Hewlett-Packard, Intel, Intellectual Ventures, IBM, Konica Minolta, Microsoft, Nokia, Oracle, Ricoh, Samsung Electronics, Sandisk, Seiko, Sharp, Texas Instruments, Toshiba

Priority Date: 09-7-2001

Representative Claim: US 7,409,452 –Claim 1

A method for submitting a document service request from a mobile device to a document processing device coupled to a first network and being adapted to communicate with one or more servers coupled to a second network, comprising: establishing simultaneously, from the mobile device, a first connection and a second connection with the document processing device; specifying, at the mobile device, a document service request that includes a document identifier identifying a document in a first document format and its location on the second network; submitting, from the mobile device over the first connection with the document processing device, the document service request together with a device identifier to an output server coupled to the second network; receiving, at the mobile device over the first connection with the document processing device, the document in a second format from the output server; the second format of the document being an input format of the document processing device; and resending, from the mobile device over the second connection with the document processing device, the document received from the output server in the second format to the document processing device for performing a specified document service thereon; and wherein the first connection and the second connection are separate connections.

Contact:

For more information on the assets available for sale in this portfolio, contact Paul Greco.

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TECHNOLOGY

DOCUMENT SERVICES;
MOBILE DEVICES

NOVELTY

EFFICIENT, SECURE
ACCESS TO DOCUMENT
SERVICES VIA MOBILE
DEVICES

IMPORTANCE

A VALUABLE PORTFOLIO
FOR MOBILE DEVICE AND
DOCUMENT SERVICES
COMPANIES

NUMBER OF ASSETS

21

PATENTS (16)

US 6,922,725
US 7,409,434
US 7,409,452
US 7,576,883
US 7,667,865
US 7,930,407
US 8,346,903
CA 2400555
DE 60230005.3
DE 60230373.7
EP 1291786
EP 1291787
FR 1291786
FR 1291787
GB 1291786
GB 1291787

APPLICATIONS (5)

BR PI02036355
EP 04004397.8
EP 10177432.1
EP 10177434.7
IN 2211/CHE/2006