

DATA SHEET



NetDirectorIP for the Patent & Trademark Industry



Gain a Single Universal Connection
to all your data trading partners - worldwide ...

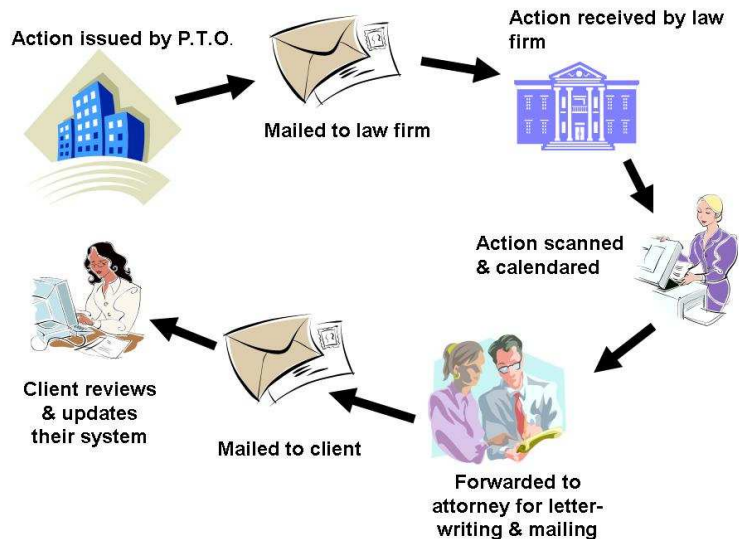
TODAY'S CHALLENGES

The IP industry, consisting of attorneys, clients, foreign associates and patent offices, has been struggling for years to reach consensus on the need for a standard communication method that will facilitate data feeds to multiple systems. This is due to either too large a participation in defining these systems, which creates a gridlock of consensus or the development of proprietary systems designed with too little participation, significant integration effort and non-standardization.

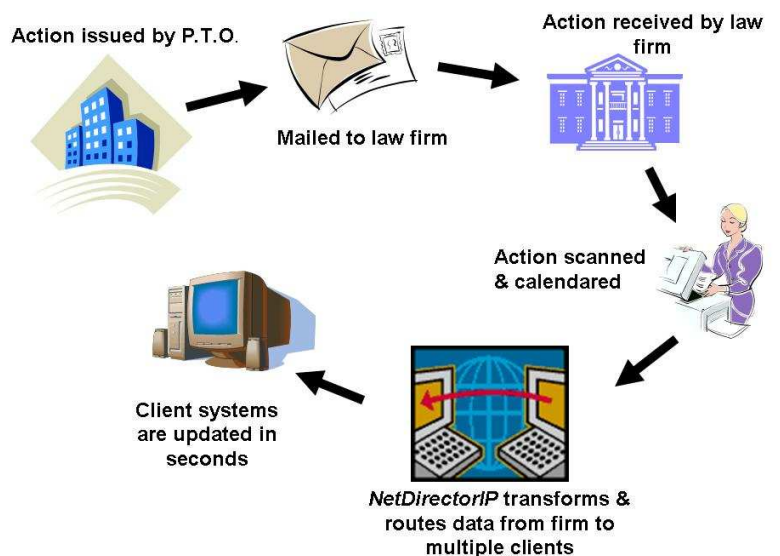
Today, IP attorneys and their data trading partners must manually enter data from a myriad of documents or build proprietary point-to-point interfaces to trade data. These methods require administrative overhead and reduce efficiency for the business units.

NetDirectorIP was created to enable the integration of vital information and documents between IP attorneys and their clients and foreign associates. NetDirectorIP uses an industry-centric approach leveraging deep expertise and state-of-the-art technology to address these integration needs. NetDirectorIP creates value for organizations of any size by providing speed in transaction processing, reduced partner collaboration costs and enabling greater responsiveness in serving customers.

Before NetDirector



After NetDirector





NETDIRECTORIP BENEFITS

NetDirectorIP provides organizations with immediate improvements in operational efficiency and cost control by automating and integrating the core business processes associated with transaction handling.

Each time you reduce the time-intensive and error-prone manual administration of a process, you are saving time and money. You are also freeing up the time of valuable resources to boost productivity and focus on core functions.

NetDirectorIP is platform-independent which means it doesn't matter if you and your data trading partner use the same system. NetDirectorIP takes care of making sure data you transmit will be received the way the recipient expects.

NetDirectorIP enables your organization to:

- **Eliminate need to maintain data interfaces** to multiple trading partners' systems or websites. By eliminating custom transaction development and maintenance, your organization can concentrate on other important projects.
- **Grow your volume without adding staff** by drastically reducing the need for IT labor to build and maintain automated interfaces to multiple data trading partners.
- **Ensure data consistency and integrity** by eliminating double-keying errors to improve turnaround times. Data trading times can be reduced from several days from the time an office action is received by a law firm until the cover letter and a copy is received by the client to just a few seconds.
- **Do more with less** and improve resource allocation for clerical staff with predictable transaction workloads, hence minimizing volume flux impact.
- **Add new data trading partners** without developing labor intensive point-to-point interfaces or web sites.
- **Reduce the number of data interfaces** to manage and maintain integration to multiple attorney case management systems.
- **Easy to manage change control** when making database modifications by mapping to centralized lists of data elements rather than each trading partner's list of elements.
- **Avoid having to pass schemas or custom code** for each trading partner. NetDirectorIP is a build once, use many times approach.
- **Contribute to the standards/compliance movement** which enables more efficient use of technology, which benefits the entire industry. As more organizations communicate with an open centralized data exchange process, the overall cost of doing business will decrease.

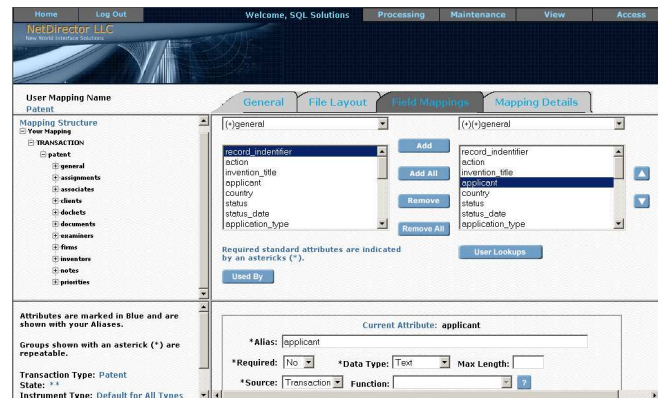
SOLUTION OVERVIEW

The primary goal of NetDirectorIP is to ensure that our customers can efficiently automate all of their data-trading business processes. While NetDirectorIP is focused on delivering the leading solution for the Patent & Trademark industry, products of this class must reflect a number of other critical attributes.

NetDirector provides a single method for an organization's systems to exchange data with the systems of its partners. It accomplishes this with a sophisticated any-to-any translation capability that can handle both ASCII and XML technologies in one environment.

Configurable vs. Customizable: The Patent & Trademark industry is dynamic. Software designed to support these dynamic organizations must be flexible to the changing needs and structures of the business. NetDirectorIP's powerful configuration capabilities make many changes a simple matter of editing settings, rather than revising custom development.

NetDirectorIP's Portal is a web-based application that provides a wide variety of configuration options (i.e., data mapping and data transformation), making the solution simple to implement and configure to specific business processes while reducing the need for customization.



- **Customer Code Translation** Trading partners can use their existing customer codes for transactions – NetDirector takes care of cross-referencing the NetDirector customer ID with the trading partner's customer ID.
- **Self-Service Configuration and Maintenance** The NetDirector Portal allows participants to setup, manage and test the interfaces without our help.
- **Format Control** Allow participants to select attributes for a given transaction from a standard list and describe them in a format that is compatible with their own systems (i.e., name, data type, and width).
- **Document Attachments** Any document file type including MS Word, MS Excel, PDF, etc. can easily be attached to any transaction.

SOLUTION OVERVIEW

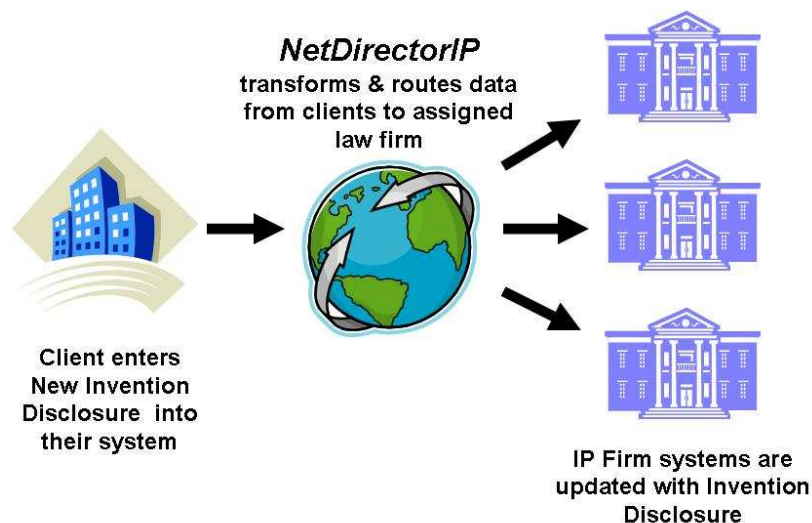
NetDirectorIP streamlines processes allowing clients to enter data once into their internal system and automatically sending the information to multiple data trading partners without human intervention.

Example of Invention Disclosure Process:

Step 1: Client enters new Invention Disclosure information into their internal system.

Step 2: The information is automatically transmitted to NetDirectorIP using its standardized format. NetDirectorIP transforms the information as necessary (see page 7 for more on Transformations) and then forwards the information to the appropriate law firm.

Step 3: The law firm's system is updated and the information appears in the law firm's system without any human interaction required.





PRODUCT FEATURES

Some of the features available with NetDirectorIP:

- **Customer Code Translation** Trading partners can use their existing customer codes for transactions – NetDirectorIP takes care of cross-referencing the NetDirectorIP customer ID with the trading partner’s customer ID. *If you refer to your client Microsoft as MSFT before NetDirectorIP, you still refer to Microsoft as MSFT after NetDirectorIP.*
- **Self-Service Configuration and Maintenance** The NetDirectorIP Portal allows participants to set up, manage and test the interfaces without our help. *Of course, if you require assistance - by all means contact us.*
- **Format Control** Allow the participants to select the attributes for a given transaction from a standard list and describe them in a format that is compatible with their own systems (i.e., name, data type, and width). *You say your system allows 100 characters for the title of an invention? Set that up once and you will never receive a title that is more than 100 characters. Or, being in the U.S. you prefer to receive dates in MM/DD/YYYY format but your foreign associate transmits in DD/MM/YYYY format? Tell NetDirectorIP you want MM/DD/YYYY format once and forget about it.*
- **Document Attachments** Any document file type can be attached to any transaction. *As long as you can save it to disk you can send it to your data trading partner. Of course, your partner will need the appropriate application to open the file.*
- **Platform Independence** Maybe you have the world’s best system and your trading partner has the world’s worst system. With NetDirectorIP it doesn’t matter what system either party is using.

PRODUCT FEATURES

NetDirectorIP Data Transformation

Transformations are a powerful part of NetDirectorIP and allow certain fields to be changed from one value to another. NetDirectorIP provide a "generic" list of items and each law firm, client and foreign associate sets up the values they want to receive when a data file is provided. For example, a system used by a law firm might use the term "CA" when referring to Canada whereas a system used by a client might use the term "CND" when referring to Canada. After being set up by the law firm and the client, the law firm transmits "CA" to NetDirectorIP which determines that "CA," when received by this law firm means "Canada," determines the recipient prefers "CND," transforms the "CA" to "CND" and then forwards the information to the client.

The following screenshot from the NetDirectorIP portal shows the ease of entering lookup codes in order to transform incoming and outgoing data, significantly reducing interface development efforts.

http://www.netdirector.biz:7003/NetDirector/sys/Mappings/editLookupCodes.do?pAttributeld=417648 - Microsoft Internet Explorer

Attribute:

Filtering
 No Filtering Include Exclude

The client wants the country "Canada" transformed to the letters "CND" so the client simply makes an entry similar to that shown below.
Regardless of what the "sender" provides to NetDirectorIP, this client will always receive "CND" when referring to "Canada."

Standard Value	User Value	Value Description	Include/Exclude
Brazil			<input type="checkbox"/>
Brunei Darussalam			<input type="checkbox"/>
Bulgaria			<input type="checkbox"/>
Burkina Faso			<input type="checkbox"/>
Burundi			<input type="checkbox"/>
Cambodia			<input type="checkbox"/>
Cameroon			<input type="checkbox"/>
Canada	CND	Client says, "CND."	<input type="checkbox"/>
Cape Verde			<input type="checkbox"/>
Central African Republic			<input type="checkbox"/>
Chad			<input type="checkbox"/>
Chile			<input type="checkbox"/>
China			<input type="checkbox"/>
Colombia			<input type="checkbox"/>
Comoros			<input type="checkbox"/>

Save Empty Value Cancel

A graphic with a dark blue background featuring a grid of light blue lines and a circular pattern on the right side. The text "TECHNOLOGY OVERVIEW" is written in a large, white, serif font across the middle. The word "TECHNOLOGY" is on the left and "OVERVIEW" is on the right, with a large "O" in "OVERVIEW" that overlaps the "Y" in "TECHNOLOGY".

TECHNOLOGY OVERVIEW

Technology Advantage

NetDirectorIP has been designed to address the unique communication challenges between attorneys, clients, foreign associates and their trading partners. NetDirectorIP provides reliable delivery of any business transaction or document to any point in the communications chain. NetDirectorIP is a new way to handle electronic interfaces based on Internet protocols and the latest XML document formats.

- NetDirector developed the system in J2EE/Weblogic technology for maximum scalability to meet future business needs.
- NetDirector will store transactions during downtime and forward after service resumption. This process will reduce staff overhead for monitoring and reconciling off-line transactions.
- NetDirector facilitates communication through a centralized hub approach with the latest Internet-based integration technology.
- NetDirector maintains one-level higher security than “on-line banking” through 128-bit encryption and IP verification.

Docket System Integration

NetDirector IP provides flexible integration options to attorneys’ existing docket/case management systems to leverage investments and completely automate each process for greater efficiency, cost control and overall business performance.

- NetDirectorIP provides easy, open-standard integration methods. Data is protected by NetDirectorIP security.
- NetDirectorIP can accommodate a myriad of data formats including XML, ASCII, Excel, and plain text.
- NetDirectorIP supports multiple communication methods such as web services, HTTPs POST (which allows a variety of scripting languages including PERL, PHP, and ASP to be utilized), secure FTP, email, Microsoft BizTalk Server, and manual upload/download.
- NetDirectorIP supports virtually any development language. Active clients currently use .NET, Java, C#, VB, Delphi, and others.
- NetDirectorIP is platform-independent which allows integration with commercial systems such as those produced by ProLaw, Master Data, and others.



THE NETDIRECTORIP ADVANTAGE

IT Outsourcing Partner

Focus on your business, not on technology. NetDirectorIP assumes the burden of coding, testing, debugging, documenting and supporting the latest protocols associated with our customer's needs. After all, a centralized transaction exchange should solve your business problems, not create more problems.

On-Demand Service

Because NetDirectorIP is an on-demand service, there is no software or hardware to buy, install, maintain, or upgrade. With NetDirectorIP, you'll be free to focus on your core business, not worry about infrastructure requirements, maintenance, and upgrades.

Predictable Pricing

Based on customer and industry feedback, NetDirectorIP provides a flat-fee subscription model based on transaction volume ranges. This pricing method equates to a predictable monthly expense without a high up front capital outlay.

Speed to Achieve Benefit

Customers can start testing transactions within one to two days and begin production within 30 days. Timelines are based on actual customer experience of other NetDirector services.

NetDirectorIP offers a Proven Return on Investment (ROI) & Lowest Total Cost of Ownership

With a fast-growing number of network participants, NetDirectorIP has the experience to ensure the solution is configured and deployed to maximize your ROI. NetDirector's configurable solution and fast track deployment methodology has been designed to ensure our customers are able to achieve their goals quickly and cost effectively.

ABOUT NETDIRECTORIP

NetDirectorIP provides on-demand data exchange services for the Intellectual Property industry to improve business process efficiency and standards compliance. NetDirectorIP was created to enable the integration of vital business information and processes between all IP data trading partners. NetDirectorIP uses an industry-centric approach leveraging expertise and state-of-the-art technology to address these integration needs. NetDirectorIP creates value for organizations of any size by providing speed in data trading, reducing partner collaboration costs and enabling greater responsiveness in serving customers.

For additional information, visit our Web site at www.netdirector.biz

NetDirectorIP is a wholly owned subsidiary of NetDirector, LLC



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