



Intellisync File Sync

A detailed guide to functionality



SYNCHRONIZATION
that drives the **ENTERPRISE**™



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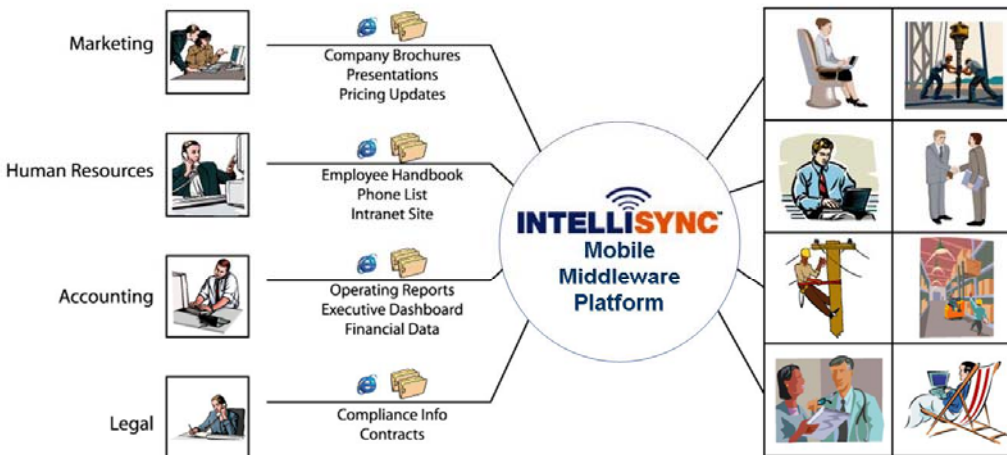
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What Does It Do?

Intellisync File Sync automates the process of distributing information throughout an organization. Owners of specific file and website content can generate standard materials and store them in appropriate locations on the network file system. Intellisync will see new and updated materials on the network, and package them for transmission to mobile and remote device users during their next server connection session.



As files are changed on the corporate network
they are *automatically* updated on mobile users' devices

File Sync supports laptop, tablet, and desktop PCs running Windows; Pocket PCs and Pocket PC Phone Edition Smartphones; and Palm OS handhelds and Smartphones. Any type of file or web content can be moved. Typical applications include sales literature, standard contracts, service manuals, human resources materials, company directories, and other typical company intranet content.

System administrators set up "publications" which are a sequence of file transport instructions, and then subscribe individual users and groups to these publications. When devices connect back to the server and authenticate, any new or updated materials will be transmitted, and any missing or damaged files on the remote device will be repaired. Connection to the server can be automatic or user-initiated.

Once placed on the device, files are available through the device file system, and also through convenient hyperlinks from the Intellisync client.



Basic Specs

Feature Highlights

Publish and subscribe file sync
Web site spidering and link management
Publication definition wizard
Extensive configurable standard actions
Non-proprietary VB script for extensions
Parameterized publications
Change manager detects updates
Automatic file healing
Byte-level file differencing
Multi-step file differencing
Check-point restart
Bandwidth throttling
Publication availability scheduling
Advance file compression
Document transcoding for Palm
Offline file application
Failed publication rollback
Easy access hyperlinks from client
APIs for client functionality
Clustered servers with failover
Dynamic load balancing
Admin controlled sync profiles
Dual settings for cradle vs. wireless
Connection management
Configurable alerts
Checkpoint restart
MMC snap-in console
Authentication options
Automatic update mechanisms
Configurable logging detail
Multiple encryption options
Wireless optimizations
Flexible log viewing and reporting
Real time system monitors
Remote administration

Supported Devices

Pocket PC
Pocket PC 2002
Pocket PC 2002 Phone Edition
Windows® 98/2000/NT/XP PCs
Palm OS® PDAs and phones

Authentication Sources

Active Directory
iPlanet®
NT Domains
Domino Authentication
Any LDAP compatible source
Internal / proprietary

These features and more are explained in detail in this document.



Why Do Companies Deploy It?

Companies spend hundreds and thousands of dollars per year per employee getting information to mobile and remote workers, yet still experience significant delays in getting information out. Paper documents, email, intranet downloads, and shipping CDs are the methods typically used. Consider the costs and inefficiencies associated with each.

Printing, packaging and shipping paper reports and reference CDs can be extremely expensive. We worked with one client with a total cost for providing bi-weekly sales analysis reports in paper format of over \$3,000 per sales rep per year. Another oil services firm spends over \$200 per year per field worker sending out monthly updates to a comprehensive document library.

Providing these materials electronically using Email and Intranet is not necessarily much less expensive. Email is an extremely inefficient transport mechanism for large files, lacking strong compression or a checkpoint restart capability. Trying to download a large file is frustrating for users and causes big delays in getting more critical mail. It also places a management burden on the end-user for managing attachments, storing files in an easily retrievable place, and doing version control over previous attachments. From an IT standpoint, it places a big additional payload on the mail servers and the inefficient use of bandwidth is expensive.

Another popular method is to place frequently referenced materials on an intranet site. This works fine for workers in the home office, but road warriors and field service workers are not able to easily and instantly hit the intranet site for a needed file. Slow connections, poor wireless coverage, and their inherent mobility combine to make network access an occasional proposition. Moreover, every time a worker needs the same frequently used file, they need to launch a network connection and start consuming bandwidth to slowly bring the file down...an expensive proposition both in terms of communications costs and productivity.

Automated file management helps slash all of these costs, while increasing worker productivity, ensuring proper file versioning, and giving a higher degree of control to the organization. File Sync technology can be deployed rapidly to start showing an immediate ROI. If you can save end-users 20 minutes a week, payback can be within two months. If you can reduce the cost of shipping information by \$1,000 a year, you are looking at a three year ROI over 1000%.

When we talk in depth with companies about their information distribution costs, we usually find that File Sync would help save them time and money for quick ROI. Many times the costs are hidden or not fully understood, and it takes some research to uncover just how big the problem is. The need for file sync is nearly universal within large corporations with distributed work forces; though not every company has a strong enough handle on mobility to have realized it yet.

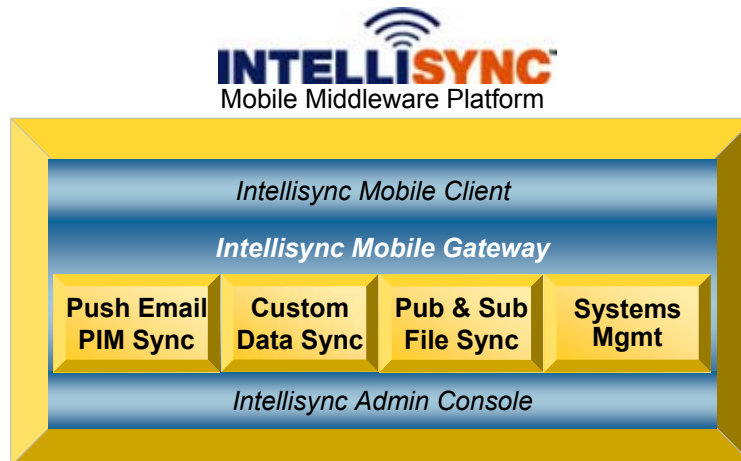
Intellisync's file sync technology is the most advanced available, providing the following benefits to end-users and organizations:

- Eliminates the cost of physically distributing documents
- Allows targeting of documents along with data
- Cuts communications costs related to Email & Intranet
- Offers improved control and convenience
- Deploys easily and quickly for fast ROI
- Is an important part of a total mobile infrastructure solution



The Suite Connection

Intellisync Mobile Suite is Intellisync's modular software infrastructure solution that helps companies quickly realize ROI on their mobile computing initiatives. Companies may choose to deploy specific parts as a point solution to solve a specific business problem, or invest in the full suite as a strategic enterprise-wide mobile infrastructure.



Intellisync Mobile Suite includes a collection of integrated platform technologies, as well as the four main products which plug into the platform.

Systems management is often the first step for companies trying to take a more centrally managed approach to dealing with mobile devices. Invariably, users will demand access to more and more business information on mobile devices. Email and calendar, business application data, and the corporate intranet portal are typical requirements.

Regardless, Intellisync allows you to easily add in the functionality you need when you need it. Intellisync's comprehensive mobile infrastructure helps companies avoid some of the pitfalls of deploying multiple point solutions over time, such as:

- Integration effort required by incompatible technologies
- Security concerns related to network configuration and server locations
- User confusion resulting from multiple connection interfaces
- Administrative overload and unnecessary work from duplicate admin consoles

Intellisync Mobile Suite provides a uniquely broad range of functionality and device support.



What Makes It Unique?

Intellisync File Sync sets the industry benchmark based on product excellence in the following areas:

- Publish-and-Subscribe Model
- Change Management
- Efficient Transport
- Great User Experience
- Strong Management Tools
- Flexible Security Options

The following section details our capabilities in each of these areas. Major features are identified with their significance and associated benefits explained. We also highlight drawbacks of alternative approaches where appropriate.

This functionality detail serves as a good basis for developing selection criteria for an RFP or evaluation process.

Publish-and-Subscribe Model

Intellisync's publish-and-subscribe model provides the ultimate in flexibility. File Sync can be used to service a broad range of user communities, bringing a personalized portfolio of relevant content to each user. It can also copy over portions of websites, portals or the corporate intranet to make these available for offline mobile access.

Publication Definitions - File and web content delivery is specified in the administrative console as publications. A publication is composed of a set of actions that execute in order. A publication can be as simple as one action to download a file or directory from the server to a mobile device. Publications can also be complicated multi-step processes with conditional branching logic and execution of client-side scripts.

Subscriptions - Once a publication has been specified, then specific users or groups of users can be subscribed using the admin console. Note that a "group" of users does not necessarily have to relate to their network domain, it is much more flexible.

Publication Wizard - A powerful wizard is available to guide the process of creating new publications and subscribing users.

Standard Actions Library - Intellisync includes a library of over 30 standard actions to use in setting up publications. These include things like: create/remove directories, download files to device, execute programs and scripts, copy/delete/rename/move files, reference inventory attributes, and upload files to the server. One action runs specified VB scripts, making it easy to extend the solution to handle your unique needs without relying on a proprietary scripting language.

Website Spidering - Website delivery presents a special case because a single web page might be composed of dozens of files. Even a small website could have hundreds of files that change frequently. Intellisync removes the hassle from building website publications by



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allowing administrators to point at a start page and specify the number of links deep if any the user should be able to traverse. Our server then spiders the site and gathers up all the files necessary. Administrators can place file type restrictions on the website delivery in order to protect bandwidth and device storage, or to restrict file content that is not viewable on a specific device.

Website Link Manager - Another challenge for offline access to websites is the links. Throughout the site links point to specific URLs that will not be available when the site is copied over for offline use. Intellisync copies all the linked files to a specific location on the target mobile device, and then revises appropriately all of the links within the HTML code. To the end-user, it feels just like browsing the site online without any hint of the sophistication that makes it possible.

Extensive Action Configurations - Each of the standard actions has its own particular set of configurable properties. Clients typically find that the flexibility granted by the standard actions lists and action properties allows them to easily accomplish 95% of file distribution tasks without requiring any custom scripting.

Non-Proprietary VB Script - The library of standard actions can easily be extended with custom actions written in VB script. *Beware competitive products that use a proprietary scripting method, as this will drive up your training and maintenance costs.*

Availability Scheduling - In order to control bandwidth consumption during peak hours, Intellisync provides the ability to schedule publications for delivery during specific off-peak windows. Users synchronizing outside the administrator-defined window will not receive updates to these publications.

Dynamic Formulation of Groups - Your organization may already be organizing users into groups using other tools. Intellisync's solution is open, and can take advantage of external data for group assignments. This is particularly useful where group assignments change frequently as part of normal business process.

API for Automating Subscriptions - Likewise, you may have existing systems which dictate the file content that specific users are supposed to receive. You can still utilize File Sync for its exceptional communications efficiency and reporting capabilities, while utilizing the subscription API for building links to external systems.

Parameterized Publications - File sync publications can be parameterized for additional flexibility in bringing the right information to the right users. A common occurrence is creating a single parameterized publication that delivers all files in a particular directory, where the path name for the directory includes the user's network login user name. This allows for totally customized delivery without requiring extensive publication maintenance.

Publication Prioritization - Administrators can make sure that the most important files arrive first during File Sync sessions using the publication prioritization feature. This is especially helpful when users are likely to have unreliable connectivity and/or not have time for full sync sessions. The most important document updates will be more likely to get through.



Bandwidth Sensitive Publication Availability - Administrators can setup file publications to only download when an appropriate level of bandwidth is available. Thus a larger publication could wait for a high bandwidth connection before downloading.

Change Management

Change Manager - File Sync includes a key component called Change Manager which runs on the server. It periodically scans the network file system and web servers for any changes to published files. The content owners do not need to do anything special to check in new or updated documents. The Change Manager will note the updates automatically, and then prepare the files for transmission. A variety of pre-packaging techniques are used in advance to ensure that minimal processing takes place during the sync session, resulting in ultra-efficient transmissions.

Byte-Level Differencing - Many file updates are the result of small incremental changes. For example, one or two paragraphs in a 15-page standard contract may be updated by corporate counsel. Intellisync will compare the changed bytes between file versions, and send only these byte-level differences down to the client. So for our example, the changes for a 600Kb document might only result in 15Kb of data being transmitted.

Multi-Step Differencing - If files change more frequently than a user synchronizes, then simple one step byte-level differencing is inadequate. This is because the differencing is only done from one version to the next, but if a user is several versions back, they would need to bring down the entire latest file. Intellisync is unique in offering multi-step differencing, so that a new version of a file is compared to the last X versions for byte level differences, where X is configurable by the administrator.

Smart Differencing - In some cases, enough changes to a file are made that byte-level differencing does not result in a significant bandwidth savings. In other words, the changes may turn out to be nearly as much data as the size of the new file. If the efficiency gain is minimal, Intellisync will simply transmit the new file.

Advance Compression + Encryption - File Sync applies compression and encryption algorithms in advance as part of the file staging process. This further limits the amount of processing required during the sync session so that bandwidth is conserved and a single server can support a greatly increased number of concurrent users.

Document Transcoding for Palm - The Palm OS platform does not offer the ability to work with Microsoft Office documents. Intellisync includes DataViz Documents-To-Go[®] technology so that these files can be read on a Palm device. We transcode the source documents to the DataViz format in advance, so that the transcoded files are staged and ready to go.

Efficient Transport

Check-Point Restart - Mobile communications can be unreliable with frequent line drops. File Sync uses check-point restart to minimize the impact of dropped lines. The server keeps track of the last acknowledged packet, and resumes transmission where it left off. For example, dropping a slow wireless connection after 90% of a 100K file update is transmitted does not require retransmission of the entire file. This has great usability implications and ensures more cost efficient communications.



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Bandwidth Throttling - This refers to the capability to set a maximum amount of bandwidth consumption per user per sync session. This controls connection timeframes and spreads out the impact of large file downloads. Intellisync will download parts of publications each time within the configurable limit, until the full file is assembled on the client ready for use. The system can also be setup to be sensitive to bandwidth consumption by other applications, and pull back on larger deliveries until greater bandwidth is available.

Rollback on Failure - Real-world file publications can grow very complex with many steps and branching logic. When such a publication fails partway through the instruction set, you may want to rollback the initial steps. File Sync offers this option for publications.

Offline File Application - Intellisync further minimizes sync session lengths by applying file updates offline. This means that during the server connection, the staged file updates are transmitted. Only after the connection is ended are the updates uncompressed, unencrypted, differenced files are then rebuilt, and the final “product” moved onto the device’s storage system.

Wireless Optimizations - Intellisync products use the Intellisync Mobile Gateway, a highly robust and efficient engine that manages communications between client and server components. Mobile Gateway uses an advanced message queuing architecture, packet optimization technology, and binary XML for ultra-efficient communications over wireless networks.

Scalable Clustered Architecture - Intellisync supports a large number of concurrent users per server. Intellisync also supports clustered servers so that the solution can scale easily to accommodate the size of your user community and their connection concurrency.

Dynamic Load Balancing - Within the server clusters, standard dynamic load balancing technologies can be applied to ensure processing demands are spread evenly for maximum performance. *Competitive products assign users to specific servers for load balancing, locking out users when a specific server is down and potentially creating very uneven server loads.*

Great User Experience

Intellisync provides a simple client interface for managing sync activity and accessing file and website deliveries. We also support a “silent client” mode where sync happens automatically and no user interface is exposed.

Effortless File Management - File Sync takes the effort out of receiving new information, figuring out where to file it, and cleaning out old versions. Users can spend more “time on task” and waste less time organizing attachments. When a document is needed, there is no need to connect back to the Intranet, check for and download the latest version. Everything is up to date and readily accessible – regardless of the availability of a network connection.

File Healing - Intellisync will even repair damaged or accidentally deleted files. At the next server connection, the required updates will be noted and performed. Users don’t get held up searching for missing files or trying to recover lost data.



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Easy Access Hyperlinks - Users gain quick access to file and website deliveries via hyperlinks within the client software. Of course, the materials are also accessible outside of Intellisync via the device file system.

One Button Connect - With Intellisync, the user can manually launch a synchronization session using the Intellisync client via a simple one-button connect. This initiates the network connection and starts the synchronization session. Many solutions currently in place overtax users with a multi-step sync process. One-button synchronization eases end-user burden and increases the utility of the device.

Automatic Updates - A variety of different update mechanisms are available to users to meet their changing needs. In addition to the user-initiated connection, Intellisync also supports more automatic methods. The client software can be configured to wake-up periodically and initiate a connection on its own. The server can reach out and push a critical update to an addressable device on its own. And client-side APIs mean that the file update capabilities can be called from other applications and processes, including network login scripts.

Dual Sync Choices - One very common situation is to have a handheld device switch back and forth between high speed cradle sync and a lower speed wireless connection. Instead of requiring the user to constantly switch their profile settings back and forth to accommodate, profiles support two different ways of synchronizing...Sync and SyncXpress... each with its own settings. Users get a button for each sync method in the client.

Automatic Wireless Connection Management - When the Intellisync Client application synchronizes with the server, it first checks for an available network connection. If one is not found, we automatically initiate a network connection if possible. Most importantly, when the synchronization session is over, we automatically end the network connection. *Less sophisticated solutions may not "hang up" and thus may leave an expensive wireless connection open indefinitely.*

Session Control - The end-user needs to have a view into the sync session as it happens, as well as having some basic controls. Intellisync offers detailed status messages during the sync session and a cancel button to end the sync session if desired. The client software also includes a byte counter that is updated throughout the session. Users also have the ability to select the type of information synchronized in a given session, including the ability to turn on or off optional publications based on expected sync time.

View Connection History - The end-user has access to the synchronization logs on their device. This is helpful for troubleshooting. For instance, if a wireless connection drops mid-sync, Intellisync will inform the user of the specific problem so that they know to just re-sync. *Competitive products offer less useful generic updates such as "Session Complete with Errors". In this scenario, that approach would likely confuse the user and cause them to call into the helpdesk...increasing support costs unnecessarily.*

Language Support - Intellisync currently offers the Intellisync Client in English, French, Italian, and German languages.



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Device Compatibility - Intellisync supports the broadest range of mobile devices, so that the right device for each user community can be utilized without compromise:

- Windows Desktop, Notebook and Tablet PCs
- Pocket PC and Pocket PC 2002 handhelds
- Pocket PC 2002 Phone Edition Smartphones
- Handheld PC, and other Windows CE devices
- Palm OS handhelds and Smartphones

Multiple Connection Modes - As today's mobile worker logs more and more time away from office LAN connections, multiple device connection modes need to be supported. The dual profile feature is especially valuable where users will switch frequently between connection methods. File Sync supports all of the following methods:

- Wireless public networks (GSM, GPRS, CDPD, TDMA, CDMA, etc.)
- Wireless LAN (i.e. 802.11)
- Ethernet Cradle
- PC Cradle (leveraging the PC network connection)
- Wireline modem
- Wireless phone attached to handheld
- Wireless infrared

Strong Management Tools

File Sync was built from the ground up to be a heavy-duty enterprise infrastructure solution, including powerful management capabilities to help control and troubleshoot mobile file access.

Single Integrated Administrative Console - All administrative aspects of deploying and controlling File Sync are managed through the Intellisync Admin Console. This is also true for Intellisync's other mobile infrastructure products. *Competitive offerings typically require the use of multiple administrative consoles for the full infrastructure, or even for different aspects of a single product. This is frustrating and inefficient.*

APIs for Client Components - File Sync includes the Intellisync Client, a browser-based application for launching sync sessions. However, many clients choose to embed the file sync capabilities within other applications and processes to provide a "silent client" user experience. Intellisync provides APIs to support this approach.

MMC Administration - Intellisync Mobile Suite features a Microsoft Management Console plug-in. This allows administrators to manage the core server attributes, the synchronization server software, and other common applications from the same admin console. In addition, it ensures a consistent and familiar look and feel to management tools. *Web-based tools, an alternative approach, are generally less flexible and powerful, and more difficult to learn and use.*

Remote Administration - Basic but not to be forgotten, remote administration lets administrators manage the system while not physically located at the server.



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Viewing Staged Files - Intellisync provides a view into all staged files so that administrators can look at what is queued up to be sent out to device users. This includes the ability to inspect file differencing history which is helpful for troubleshooting. It is also useful for managing bandwidth by understanding the effects of differencing on specific publications.

Comprehensive Logging Detail - File Sync's detailed logging enables administrators to quickly and easily troubleshoot any problems end-users are having. The logs can also be used for high-level aggregate reporting to facilitate planning.

Flexible Logging Detail Level - At certain times extremely detailed logging is beneficial, particularly during initial rollout or when environmental factors cause users to experience a high level of problems. During these times, administrators may wish to ramp up the level of system logging detail to facilitate troubleshooting. During more routine periods, the detail level could be turned down. There is always a bit of a tradeoff between system performance and logging level, so this flexibility to meet changing needs is important. Intellisync provides this capability.

Log Data Stored in ODBC-Compliant Database - In addition to controlling the synchronization process, File Sync lets administrators track a variety of user behaviors and captures this in an ODBC-compliant database. Storing log data in this manner enables hierarchical tree views of log data and also allows administrators to define custom reports using their preferred tool.

Console-Based Log Views - Console-based log views are preferred to predefined report generation for day-to-day troubleshooting. The console approach makes viewing logs an integral part of defining system behavior and managing users, simplifying the process. Console-based log views also allow rapid drill down into specific log data to support troubleshooting. File Sync provides a wide variety of interactive log views from within the admin console. Logs can be sorted or filtered by a variety of factors including specific user, device, type of event or time period. Log views can be exported to MS Excel to be printed or used for further manipulation.

Commonly used reports include a detail of delivery status by user for a specific publication, and also the ability to view the status of all publications subscribed to by a specific user.

Real-Time Monitoring - The Intellisync Admin Console includes a real-time monitoring capability for watching CPU usage, file transmission transactions, database connections, web server throughput, message queue size, gateway transmission, and more. This is complemented by historical reporting for different levels of detail, i.e. daily, hourly, etc.

Client Side Activity Logged at Server - During sync sessions full client activity records are brought back to the server for central storage and viewing. This glimpse of the client-side activity can be extremely helpful during debugging and providing helpdesk support.

Configurable Alert Delivery - File Sync administrators have control over the frequency and delivery methods of administrative alerts. They can set threshold severity levels over what sort of errors trigger an alert. They can also choose the delivery mechanism for alerts, using SMTP email alerts to paging devices or mobile phones, and SNMP to route alerts into the network operations center.



Web Reports for Helpdesk Staff - While some of the inventory data is very useful to helpdesk staff, companies may not want to give these staff access to the full admin console. Intellisync provides a variety of web-based inventory reports to facilitate troubleshooting and support by the helpdesk staff. This gets them the information they need, without the security issues of full admin console access.

Integrated Device Management - Intellisync also offers a full-blown systems management solution for lowering the total cost of ownership of mobile devices as part of the Mobile Suite product family. Many of our File Sync customers also invest in Intellisync Systems Management since they are generally purchasing File Sync to power a mobile application that needs central maintenance.

Language Support - Intellisync currently offers the Intellisync Admin Console and documentation in English and German languages.

Advanced User Management - Administrators should be able to import user lists and user group assignments from existing directory services. This prevents duplicate administrative effort and decreases error potential. File Sync offers a variety of integration options for user list management, as listed below. Multiple sources can be used simultaneously.

- Active Directory™
- iPlanet
- Any other LDAP-compliant source
- Windows NT® domains
- Text or other database sources

All user management is completely unified within the admin console regardless of the type or number of devices a user employs, or the directory services source the user comes from.

Flexible Security Options

Encryption Options - Intellisync allows administrators to select the encryption options that best meets their needs for balancing level of security with communications efficiency. Administrators may assign different encryption options to different profiles. The following standard options are available:

- FIPS 140-2 validated Triple DES
- FIPS 140-2 validated AES
- SSL
- Certicom SSL Plus with ECC
- No encryption

User Disablement - Administrators are able to “turn off” a specific user, user group, or device. For example, they may turnoff the account of a stolen device so that no unauthorized persons are able to sync with company servers. Using Intellisync’s systems management capability, administrators have remote “device kill” functionality as well.

User Authentication Options - File Sync offers its own internal user authentication capability. In addition, existing authentication options can also be leveraged. This approach



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decreases administrative overhead and also imposes less burden on end-users. Even if existing authentication options are used, the internal File Sync capability can be useful for testing. Note that multiple methods can be used simultaneously, though for each user only one method is used. The following forms of authentication are supported:

- LDAP authentication
- NT domain authentication
- Domino authentication
- Intellisync authentication

Multiple Simultaneous Authentication Methods - The selection of a user authentication option does not need to be a “one size fits all” decision. Intellisync supports the use of multiple methods to support different user communities running different applications. A given user can have only one authentication method, but different methods can be used from the same installation for different user groups.

Handheld VPN Support - Intellisync is compatible with third party handheld VPN solutions such as Certicom’s Movian product. This enables an additional layer of security and simplifies some network configuration issues.

Session-Based Key Exchange - Each synchronization session generates new encryption keys to ensure security. If a malicious party manages to eavesdrop and somehow ascertain a session key, it will only be valid for that session. Given the nature of synchronization sessions, i.e. typically short and frequent, this makes it difficult to compromise the encryption in a meaningful way.

Credential Expiration Options - System administrators can prevent storage of network credentials on the device by forcing users to enter password each time they connect to the network to sync. To support more frequent synchronization including automatic synchronization there is also an option to allow credentials to be stored for a configurable length of time. In this case, the actual user password is required during the first synchronization, and after successful connection the encrypted user credentials (but not the actual password) are stored on the device and considered valid by the server for a set length of time. This provides a flexible method to balance usability with extreme security.

Staged Files Encrypted - Intellisync packages database changes at the server in an optimized file format. As part of an end-to-end security approach, the files are encrypted when stored at the server waiting for transmission.

Security Policy Enforcement - Intellisync’s systems management product can be deployed alongside File Sync to enforce security policies such as power-on-password, number of failed password attempts, maximum number of “no-sync” days allowable, and other settings.



About Intellisync

Intellisync makes it easy for organizations to manage mobile devices while providing users with access to the information they need to be productive. Intellisync's mobile infrastructure software solution is uniquely comprehensive and uniquely integrated. We offer the broadest range of functionality and device support available, all from within one totally integrated suite of products built from the ground up to work together.

With Intellisync, system administrators gain valuable systems management tools to lower the total cost of ownership of the device. And the organization is able to achieve secure mobile access to enterprise Email and applications, important files, intranet and web pages, and personalized content.

Whether you are a project manager tasked with deploying Email on handhelds, or a CIO putting together a comprehensive strategy for mobility, Intellisync can help you be successful.

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