



*Decrease the
cost of distributing
information to
mobile workers.*

iMobile File Distribution

Mobile workers need access to a wide variety of documents and files, such as sales literature, policies and procedures, operational reports, standard contracts, etc. Companies can spend huge amounts of time and money managing the physical distribution of these documents. Posting these files on an intranet site is also a common practice, but remote access frustrates users and causes bandwidth costs to skyrocket.

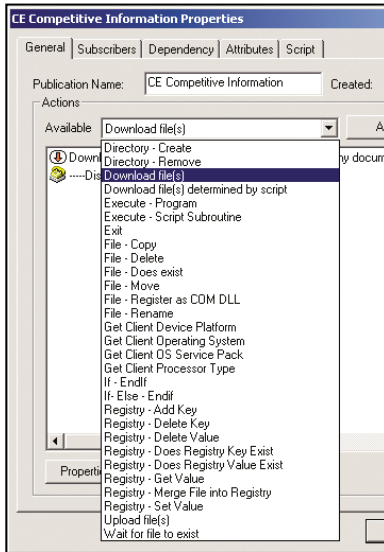
iMobile File Distribution allows companies to slash these costs while improving the availability of this type of information with handhelds and laptop/tablet PCs. With iMobile File Distribution, electronic versions of a personalized portfolio of documents are kept updated on each user's mobile device via periodic synchronization. Working files on the device can also be backed up to the server at the same time.

BENEFITS

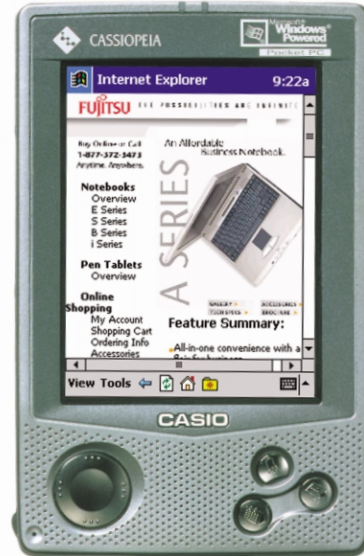
iMobile File Distribution Benefits

- Eliminates the costs of physically distributing documents
- Cuts communication costs related to Email & intranet
- Offers improved control and convenience
- Helps users recover from device failure
- Deploys quickly and easily for fast ROI
- Is an important part of a total mobile infrastructure solution

iMobile File Distribution Benefits



File distribution is setup by selecting standard actions from a comprehensive list, eliminating the need for proprietary coding.



Portions of the corporate intranet can be delivered to mobile devices for anytime viewing – even without a network connection.

Eliminates the costs of physically distributing documents

Large organizations can easily spend hundreds or thousands of dollars each year for each mobile worker on printing and shipping information either as paper reports or physical media such as CDs. Applying file distribution technology can eliminate these unnecessary expenses.

iMobile File Distribution provides a simple way to manage electronic document distribution based on a powerful publish & subscribe model. Administrators use a simple GUI wizard to define the file publications. A server-based scanner detects all new and updated files automatically. User management and authentication is easy due to integration with Windows NT® domains, LDAP sources and Active Directory™.

Cuts communication costs related to Email & intranet

Companies that have embraced soft copy file distribution typically provide new and updated information to mobile workers via Email attachments or postings to intranet sites. Neither method is optimized for the mobile reality, chipping away at the bottom line with communications inefficiencies that drive up costs.

iMobile File Distribution uses advanced technology to minimize the cost of publishing content. Check-point restart, byte-level differencing, and compression all conserve mobile bandwidth. Changed files are processed at the server in advance to decrease session length. Access to locally stored files ensures greater availability and decreases the need to dial in to the intranet or Email server.

Offers improved control and convenience

Making sure that mobile workers are using current documents is challenging but important. Without proper control, remote staff might reference and convey outdated or incorrect information. Mobile workers don't want to travel with hard copy binders, and can't afford the time to manage file updates and versions.

iMobile File Distribution automatically detects and replaces outdated files on mobile devices, sparing user time while protecting from human error. Files are easily located in consistent locations and can be accessed anytime – even without a network connection. Users are alerted to any new information with hyperlinks for viewing. All activity is tracked in extensive system logs to facilitate support.

iMobile File Distribution Benefits

Helps users recover from device failure

Mobile devices increasingly seem to suffer failures and get lost or stolen. The remote location of the users makes it harder to help them recover from these incidents. When a mobile user loses files they have been working on and key reference materials, the resulting loss of productivity is staggering.

iMobile File Distribution can help users to recover quickly from these unpleasant incidents. File backup capabilities ensure that working files and folders are backed up to the server. When disaster strikes, a mobile device can be effortlessly reloaded with all of the user's working files, as well as the standard documents to which they are subscribed.

Administrators can make sure that working files on mobile devices are automatically backed up to the server.

Deploys quickly and easily for fast ROI

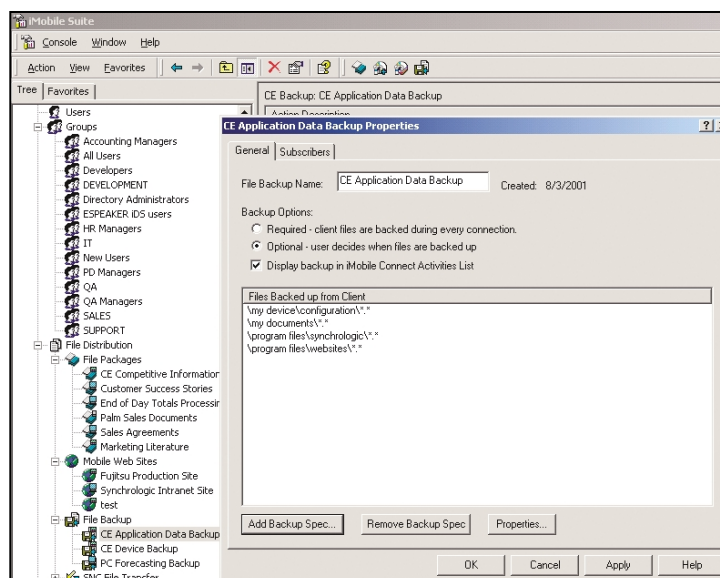
Mobile workers are typically more expensive to support than their deskbound counterparts. When looking for ways to cut costs and make remote personnel more effective, it is important to be able to move quickly and cost-effectively – and make a big impact.

iMobile File Distribution is inexpensive and simple to deploy, yielding a big return on the investment. A simple installation, flexible integration with existing directory services, and powerful GUI configuration wizards allow deployment within a day. Simplified administration makes it easy to eliminate the costly alternatives and start saving money ASAP.

Is an important part of a total mobile infrastructure solution

Companies that pursue a variety of mobile initiatives without proper infrastructure planning wind up saddled with a portfolio of mobile middleware point solutions. This is expensive and unwieldy to maintain, creates unnecessary integration issues, and makes things unnecessarily complicated for users.

iMobile File Distribution is part of Synchrologic's iMobile Suite – the most comprehensive mobile and wireless infrastructure solution available. No other solution is available with the depth of functionality, administrative power, optimized user experience, and breadth of device support which iMobile Suite offers.



iMobile File Distribution Architecture

iMobile File Distribution provides a secure infrastructure approach for delivery and backup of important files on handhelds and laptop/tablet PCs. From the iMobile Admin Console, system administrators use a GUI wizard to create "file publications." Each publication represents a group of files or web pages and related configurations that govern their transmission. Specific users and groups are then subscribed to these file publications. Publication definitions and subscriptions are saved as meta-data in the administrative database.

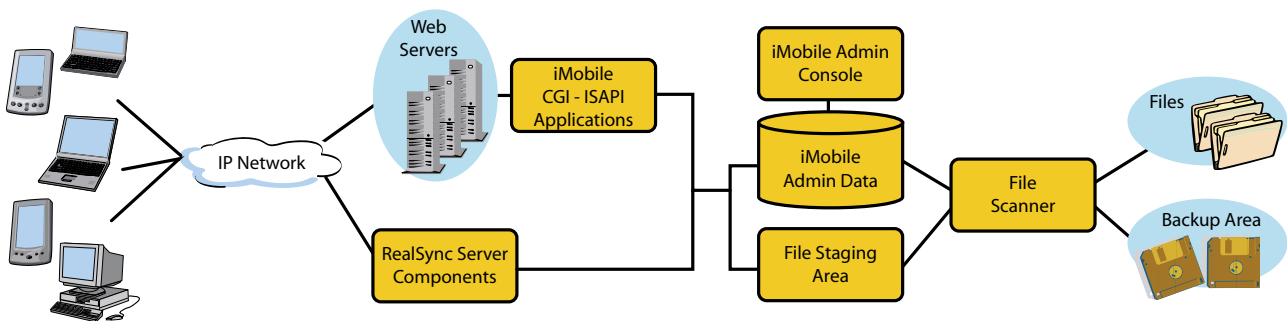
PCs connect to the back-end iMobile File Distribution server through a web server using TCP/IP and HTTP. Web server clustering and load balancing are available using standard scalability techniques and/or third party tools. Connection may be automated without user effort when running in silent-client mode, or initiated by users via the iMobile Connect client software. iMobile Connect components can also be embedded within applications via an API.

Handhelds connect through the network to the iMobile File Distribution server through included components from RealSync Server. Connection may be triggered directly by using iMobile Connect for use with wireless or wire line modems. If the handheld is synchronizing through a cradle, then synchronization can take place automatically via the HotSync® (for Palm) or ActiveSync® (for Pocket PC, Handheld PC, and Windows CE) utilities.

The iMobile File Distribution server includes an automated File Scanner engine which checks for qualifying new and changed files periodically, and takes appropriate steps to pre-stage them for transmission. Byte-level differencing allows the File Scanner to compare old and new versions of files and only send the changed bytes out to mobile devices. Compression, encryption, and transcoding are also applied as part of the staging process.

Once a connected device is authenticated and validated by the iMobile File Distribution server, the version of the files on the mobile device are checked against that on the server. New files and file updates are moved over to the mobile device from the server staging area. Where byte-level differencing has been applied at the server, the changed bytes are applied to the existing file on the mobile device.

Also during the connection, any of the files specified to be collected from the mobile device are compressed and shipped back to the iMobile File Distribution server, which places them in the appropriate network location. All file transfer events and communications are logged in the administrative database for reporting and troubleshooting.



About Synchronologic

Synchronologic's mobile infrastructure solutions create competitive advantage by increasing mobile worker productivity and decreasing total cost of ownership of mobile devices. The company's flagship product, iMobile Suite, mobilizes enterprise applications, automates the delivery of documents and Web sites, and provides mobile systems management tools – for laptops, handhelds, and smartphones.

Synchronologic offers an intuitive and user-friendly experience, robust administrative capabilities, open platform architecture, and the most comprehensive mobile infrastructure functionality available. With Synchronologic, mobile workers have access to the information they need – wherever and whenever they need it. System administrators benefit from a central administrative console for securely managing mobile devices and the information they receive.

Synchronologic is headquartered in Atlanta, Georgia, with European offices in London, Munich and Milan.

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