



Mobilizing Business

**Trusted** in 247 of the Fortune 500 companies  
– rely on CommonTime with the confidence  
that our technology is proven, dependable,  
scaleable, manageable and secure.



## CommonTime Benefits

Lowest cost of provision – minimize total cost of ownership and achieve more within existing IT budget.

Highest quality of support – maintain the service for critical users while reducing support costs.

Business model optimized for customers – work with CommonTime as a partner to truly achieve mobility objectives within a budget and on time. CommonTime can administer an effortless process from conception to deployment and beyond.

Simplest and most flexible licensing model – CommonTime software provides the best value and benefit of ownership. Whatever work methods are employed by a company, CommonTime can accommodate them and is easy to do business with.

Unparalleled commitment to customers – answers, responses, support and advice are delivered wherever needed, promptly and accurately. All CommonTime products are carefully engineered to meet the needs of both users and administrators, without sacrificing the requirements of either group.

Trusted in 247 of the Fortune 500 companies – rely on CommonTime with the confidence that our technology is proven, dependable, scalable, manageable and secure.

Access to professional services – CommonTime can provide the additional resources necessary to assist in the planning and deployment of a handheld infrastructure.

## CommonTime Licensing Model

CommonTime products are licensed per user. Whatever the device being used, only one license is needed. If a user wishes to switch to a new device there is no new license charge.

The same product can be used for both cradle and wireless connections.

There is no additional charge for server installation or server software.

There is no maintenance fee to pay in the first year, which gives free access to the CommonTime support team and free product upgrades.

After the first year, maintenance renewal is purely optional. The CommonTime license is perpetual and will continue to operate with or without maintenance.

Multi-user licensing is simple – one license key can handle hundreds or thousands of users!

# **mSuite** overview

The CommonTime **mSuite** a complete mobility solution designed to maximize business benefits and minimize costs. The **mSuite** consists of the following;



## The best Notes/Domino mobile messaging product available anywhere!

- Provides highest level of Notes functionality for mobile email, calendar, contacts, tasks(to-dos) and journal management
- Offers highest levels of data fidelity
- Gives highest levels of operational reliability
- Produces best levels of performance



## The complete solution for creating, deploying and managing mobile line of business applications in Notes/Domino environments.

- Accelerates business and improves effectiveness where business processes depend on pen and paper by providing efficient data collection and validation with mobile devices
- Reduces business costs by capturing accurate data at source with mobile data capture processes, eliminating wasteful re-keying of hand-written information
- Allows development of fully functional graphical mobile applications in Domino Designer, leveraging existing Notes skills
- Enables an enterprise to go from development to deployment in days rather than months
- Permits easy development with either the help of a CommonTime authorized business partner or 'do-it' yourself'





### The real solution to controlling and managing mobile devices in the enterprise.

- Allows critical management and control of sensitive company assets as company information is moved further away from facilities
- Provides full asset, availability and deployment management while most competing management products only offer software distribution functionality
- Permits fast deployment at high volumes
- Reduces cost of ownership with;
  - Asset Tracking and License Management
  - Configuration and Content Management
  - Disaster Recovery
  - Remote Support Tools



### Provides true end-to-end security 'over-the-air' between wireless mobile devices and the corporate network.

- Allows for centrally controlled security for wireless mobile devices
- Addresses business and IT mobility security objectives within budget
- Provides a high performance, cost effective security solution for over-the-air data without the cost and complexity of a full VPN infrastructure
- Offers flexibility in methods utilized, allowing an enterprise to implement a solution to suit its individual requirements
- Gives mobile workers the ability to access sensitive information with a high level of security, without compromising the speed and flexibility of wireless devices
- Provides end to end over-the-air (OTA) security using AES cipher suite
- Supports industry standard authentication – RADIUS, LDAP, Secure LDAP, NTLM, Active Directory
- Offers expandable architecture to support additional authenticators and can be further developed to meet an enterprise's specific needs



### Provides multi-layered physical security for the data and contents of PalmOS, Windows Mobile and Symbian handheld devices.

- Addresses the issue of enterprise data security as more IS departments are embracing the technology
- Preserves the usability of the mobile device
- Can be used in conjunction with other mSuite products
- Provides reliable and automatic on-device protection

# mSuite

All CommonTime mSuite products are based around our uniquely flexible architecture which means products are available on multiple devices, including Palm OS, Windows Mobile and Symbian OS, and with a variety of connection methods, including local, pass-through and wireless connectivity.

# **m**Connection Manager

**mConnection Manager** all of CommonTime's mSuite products are dependent on this single no cost communications infrastructure.

**It comprises two elements operating in client/server architecture;**

- 1) Device Connection Manager (DCM)
- 2) Connection Manager Server (CMS)

**The Connection Manager (CM) Offers;**

- Reliability – use of the CM for communications to their respective servers, with isolation from the underlying physical TCP connection, allows the CM to re-establish and continue disrupted sessions transparently to the connected mNotes, mForms - or mControl clients and servers.
- Performance – compression of data provides optimum payload throughout.
- Load Balancing – tracking the number of connections made to each backend server allows incoming sessions to be directed to a more lightly loaded server.
- Failover – determination of whether a server is available when making a connection for the session and failover the session to an alternate server if necessary.
- Deployment Flexibility – as a separate server component the CMS can be installed independently of all other servers in the mSuite. In security conscious enterprises it can be located in the DMZ or published from the secure zone through a reverse proxy. The DCM clients connect to the CMS through a single configurable TCP port which must be opened through the external firewall.

**Connection Management** – the DCM manages the connection for the client applications. The DCM can be configured with alternate connections which are arranged in order of priority of use. By checking the available physical connections and using the priorities, the DCM will always use the optimum connection for any session.

**Client Failover** – the DCM will also try alternate connections should the highest priority CMS not be available, providing very high levels of resilience.

**Configuration Interface** – The DCM also provides the configuration interface for the connections;

- Authentication credentials - prevent storage on the device.
- Network configuration options, how to connect, VPN integration, Ports and Hostnames.
- The order in which to use Network configuration to minimize connection costs - for example always prefer 802.11 connections to GPRS connections if both are available
- Notification configuration options, Ports and Hostnames, service configuration.

**Central Control** - The configuration of the CM can all be controlled from the mCenter with the configurations being automatically deployed to connecting devices. In addition, System Administrators can determine which configuration options should be delegated to user control and which should be locked to standardize configurations and deliver improved supportability.

## CommonTime Benefits

Lowest cost of provision – minimize total cost of ownership and achieve more within existing IT budget.

Highest quality of support – maintain the service for critical users while reducing support costs.

Business model optimized for customers – work with CommonTime as a partner to truly achieve mobility objectives within a budget and on time. CommonTime can administer an effortless process from conception to deployment and beyond.

Simplest and most flexible licensing model – CommonTime software provides the best value and benefit of ownership. Whatever work methods are employed by a company, CommonTime can accommodate them and is easy to do business with.

Unparalleled commitment to customers – answers, responses, support and advice are delivered wherever needed, promptly and accurately. All CommonTime products are carefully engineered to meet the needs of both users and administrators, without sacrificing the requirements of either group.

Trusted in 247 of the Fortune 500 companies – rely on CommonTime with the confidence that our technology is proven, dependable, scalable, manageable and secure.

Access to professional services – CommonTime can provide the additional resources necessary to assist in the planning and deployment of a handheld infrastructure.

## CommonTime Licensing Model

CommonTime products are licensed per user. Whatever the device being used, only one license is needed. If a user wishes to switch to a new device there is no new license charge.

The same product can be used for both cradle and wireless connections.

There is no additional charge for server installation or server software.

There is no maintenance fee to pay in the first year, which gives free access to the CommonTime support team and free product upgrades.

After the first year, maintenance renewal is purely optional. The CommonTime license is perpetual and will continue to operate with or without maintenance.

Multi-user licensing is simple – one license key can handle hundreds or thousands of users!



All features may not be available on all platforms. For further details on anything you have read here and to check compatibility please email [sales@commontime.com](mailto:sales@commontime.com). All details are subject to change.

© CommonTime Limited 2004

All rights reserved. Lotus Notes and Domino are either registered trademarks or trademarks of Lotus Development Corporation. Microsoft and Windows Mobile are either registered trademarks or trademarks of the Microsoft Corporation. Palm is either a registered trademark or a trademark of Palm Inc. Symbian and all Symbian-based marks and logos are trademarks of Symbian Limited. All other trademarks are the property of their respective owners.



CommonTime