

- SSO for CCOW and non-CCOW applications
- Domain knowledge and best of breed solutions
- Proven implementation success

## OVERVIEW

Carefx and Novell formed a strategic partnership in February 2002 to help healthcare organizations simplify and improve caregivers' access to clinical information. Novell offers a generalized single sign-on platform while Carefx provides the healthcare specific, standards-based components for user and patient context management across multiple participating applications.

The solution is powered by Novell® SecureLogin and eDirectory™ as well as Carefx's Fusionfx Context Manager™ and Fusionfx Context Channel™. Fusionfx Context Manager implements the Health Level Seven (HL-7) CCOW standards for interoperability. The partnership between Carefx and Novell provides end-users with single sign-on (SSO) not only to network resources and non-CCOW applications but also to applications utilizing CCOW. This combination addresses cost containment, productivity, security, and regulatory compliance.

## BENEFITS

### Domain Knowledge / Understanding of Clinical Environment

- Over 200+ collective years of experience in the Healthcare Information Technology industry
- Have a common goal of designing solutions that help clinicians navigate more easily and securely to their applications and data
- Focused on a solution that's market driven

### Breadth of Solutions

- By bringing together enterprise single sign-on and context management, organizations can have single sign-on to all their applications, CCOW or non-CCOW enabled
- Secure Access Solution to network and applications
- Portal Infrastructure, real-time access to specific patient information
- Partnering with the leading HIT and access vendors

### Implementation Success

- Carefx and Novell will work with you to ensure a successful implementation
- Carefx assigns project managers whose sole responsibility it is to see that the project is a success
- Strong client references

## FEATURES

### Improved End-User Experience

- Synchronizes diverse applications around a common clinical desktop context
- Enables users to control the context creating a patient-centered, user-driven clinical workspace
- Coordinates fat client, Citrix/WTS, and web-based applications on the same desktop
- Provides single sign-on and common patient selection to CCOW-enabled applications
- Novell SecureLogin sets user context for non-CCOW enabled applications

- Graceful logoff allows automated or single event-trigger logout of a user from all applications leveraging that applications native mechanism

### Application Support

- Novell's maturity as a single sign-on vendor results in application support that surpasses the competitions
  - Supports more terminal emulators, Java applications, Win32, and web applications
  - Has provided single sign-on to more applications than the
  - Supports complex application characteristics such as combo boxes, drop down lists, radio buttons, and menu items
  - Supports recognition of multiple and/or subsequent events within an application

### Protecting Application Access

- When used with NMAS, the AAVerify capability enables NSL to challenge for another authentication before SecureLogin will pass the credentials to the application
- Supports any combination of Novell Modular Authentication
- Service partners biometric, smart card, token, digital certificate, proximity card, or password for authentication
- Provides password policy enforcement

### Securing the Workstation

- Administrators can set up specific policies in the directory to secure the workstation
- Automatically locking the workstation based on action triggers
- such as:
  - Inactivity
  - Proximity card removal
  - Smart card removal
  - Single click
- Automatically shut down applications, logout user, and present new login dialog for next user

### ARCHITECTURE

#### Directory Integration

- Carefx and Novell use your existing LDAP directory where the competition requires a separate identify store
- Allows your organization to leverage best of breed directory

#### Citrix/Netilla/Terminal Server

- For those environments where a workstation can't have client software and must provide access to the Citrix/Terminal Server environment, Carefx and Novell can provide full functionality in the Citrix environment without software on the client
- Multi-user shared workstation kiosk and roaming sessions are available

#### Hardware

- Carefx and Novell are flexible with hardware requirements and support most server class hardware configurations

#### Context Management Performance

- The Carefx architecture allows clients to communicate with any available context manager whereas the competitions architecture requires that all communication with the context manager go through the primary server
  - This has proven to be a bottle neck for customers and creates a single point of failure

#### Scalability

- The Carefx and Novell architecture supports vertical AND horizontal scaling while the competition only supports vertical scaling

#### Fault Tolerance

- If a Carefx or Novell server goes down, clients will automatically be redirected to other servers online, if a competitors server goes down, a standby/hot swap server must be manually booted

#### Administration

- Carefx and Novell can provide automatic upgrades to client workstations and will work with the leading application delivery vendors
- The competitions architecture requires the administrator to connect to the client device to configure

#### Client Impact

- The competition requires that their client and GINA be installed on the desktop in order to provide single sign-on to non-CCOW applications
  - No support for third party advanced authentication vendors
  - All GINA-based services dependent on a standard client fail

