

COMPREHENSIVE SECURITY AT THE ENTERPRISE SYSTEM, OVER THE AIR AND ON THE DEVICE



AGENCY MOBILE PLATFORM: SECURITY

With customers like the Pentagon, U.S military and NASA, Syclo knows a thing or two about mobile solution security. With Agency mobile platform, you get extreme solution flexibility and comprehensive feature sets to protect your data at the enterprise system level, over the air and on the device.

FLEXIBLE SOLUTION DESIGN

Sometimes the easiest way to design a highly secure mobile solution is to avoid potentially vulnerable areas altogether. Agency allows you great flexibility in your mobile solution architecture, letting you adjust key settings — like preference for private vs. public networks or the amount of sensitive information that is kept on the device — to fit your security goals. Similarly, you can make certain application modules available only to select user groups, minimizing your risk exposure.

ENTERPRISE SYSTEM AUTHENTICATION

Agency is fully compatible with your enterprise security services like LDAP, Active Directory and CA eTrust. This lets you centrally manage how your mobile solutions authenticate against your backend systems. The functionality even includes single sign-on capabilities that let your users enter a single set of credentials to simultaneously access multiple enterprise applications.

OVER-THE-AIR ENCRYPTION

Agency secures your transmissions over public networks using the Agency Next Generation Encryption Layer — a communication protocol that uses SSL/TLS encryption over TCP/IP connections. Agency also supports Network Address Translation (NAT) and Authentication Certificates at the server and client levels.

STRONG ON-DEVICE SECURITY FEATURES

All information on your mobile devices can be encrypted to protect it in case a device is lost or stolen. You can choose whether to encrypt certain files, folders, partitions or entire disks on the device to achieve the optimal balance of security and performance.

If you're certain the device cannot be recovered, you can wipe its hard drive and any attached storage remotely via any network.

END-TO-END SECURITY

Full support for Active Directory, LDAP, CA eTrust and other security services.



Single sign-on capabilities for composite applications

Flexible solution architecture lets you avoid potential vulnerabilities

Agentry Next Generation Encryption Layer (SSL/TLS, 128 bit encryption)

Application-level authentication

Over the air device feature control and security patch updates

Remote wipe capabilities



FIPS-compliant device data encryption

APPLICATION-LEVEL AUTHENTICATION

Agentry lets you configure business rules in your mobile application itself to provide the first layer of security. This can include:

- Strong application login passwords, including client-side password validation rules, lock-out rules and the ability to wipe the device once the predetermined number of failed login attempts has been reached.
- Network authentication that requires users to submit their credentials for radio use.
- Transaction authentication (also known as electronic signature), which requires that users enter their credentials to process predefined transactions or updates.

Any of the above authentication types can include multi-factor authentication that mandates that the user validate their identify in several ways (e.g. username/password and USB token) for greater security.

DEVICE FEATURE CONTROL AND AUTOMATIC SECURITY PATCHING

Agentry mobile device management (MDM) gives administrators another great set of tools to enhance solution security. Using a centralized administration console, you can remotely disable unused radios (WiFi, Bluetooth), peripherals (cameras, card readers) and other device components that you feel may pose a security vulnerability. This can be done by device type, employee role or by individual application.

Agentry MDM's remote update and patch management functionality can use any available network to automatically push out and install security patches for mobile applications and the operating system so your software is always locked down.



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