



SecuSUITE FOR ENTERPRISE

Trusted technology that was designed to protect national security is now adapted and optimized to secure your organization's communications.

SERIOUS MOBILITY FOR SERIOUS BUSINESS

 **BlackBerry** | **ENTERPRISE**

THE THREAT IS REAL

When it comes to voice conversations and text messaging, too many decision makers think hacking threats only exist for the upper echelons of government. The truth is, foreign and domestic eavesdropping is happening in organizations of all sizes, across industries and sectors, at this very moment. Securing your voice communications not only makes good business sense, it has never been more critical for governments and the enterprise.



Protect against Electronic Eavesdropping

SecuSUITE® for Enterprise is a software-based solution that provides secure calling and text messaging on mobile devices, safeguarding your organization's sensitive conversations against electronic eavesdropping. It provides more secure connections to the people you need to talk to, inside and outside your organization, and across phone networks globally.

"Current commercial interceptors decrypt within seconds, often faster than the time a user takes to answer the call."

Karsten Nohl, Security Research Labs



Use it on all your devices

SecuSUITE for Enterprise works across multiple operating systems, including iOS®, Android™ and BlackBerry® 10.¹



Connect securely with more people

Hosted on the secure BlackBerry infrastructure, SecuSUITE for Enterprise provides direct connections to more than 600 carriers around the globe. If the people you need to talk to use SecuSUITE for Enterprise, you can communicate with them securely. It's that simple.



Rely on trusted technology

Safeguard your enterprise against eavesdropping and third-party attacks using proven encryption and authentication methodologies. SecuSUITE for Enterprise is compliant with NIAP-approved Protection Profiles, an assurance standard that defines information security requirements for mobile devices in enterprise settings.

EASY AND INTUITIVE TO USE

SecuSUITE for Enterprise is designed to be intuitive to use, so you don't have to learn a new way to call or send text messages. Focus on your conversation, rather than on the technology that's securing it.

No learning curve

SecuSUITE for Enterprise is easy to set up and there's no wasting time trying to get the technology working for you.

Crystal-clear voice quality

Secured calls connect quickly with the highest voice quality so you'll never struggle to hear or be heard.

No impact on usability

Encryption and authentication processes run safely in the background without impacting your phone's performance.

All the power you need

An on-demand approach ensures that calls won't drain your device's battery.



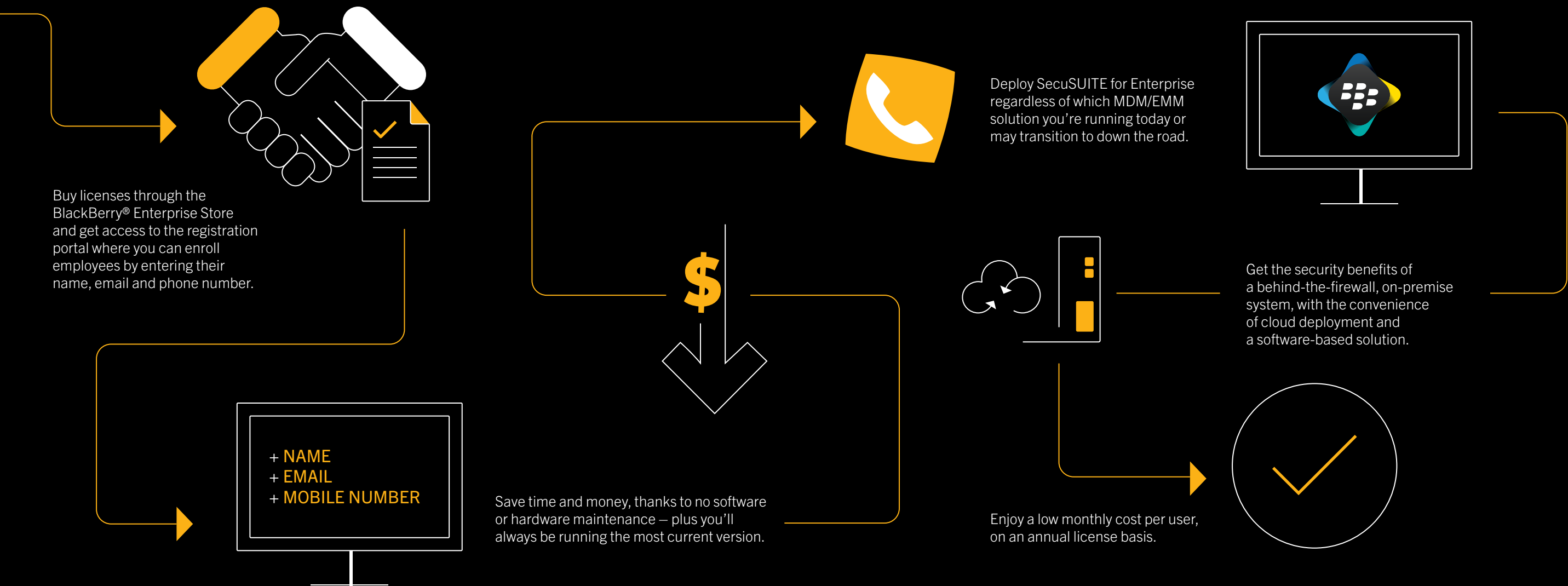
Works across operating systems

On iOS and Android devices, open the app to make secure calls and communicate over secure text messaging. On BlackBerry 10 devices, SecuSUITE for Enterprise is completely integrated, so you can make secure calls the same way you make everyday calls.



HARD ON HACKERS, BUT EASY ON ‘IT’

It's easy to equip your users with SecuSUITE for Enterprise. It comes with a user-friendly, cloud-based admin portal where you can enroll or deactivate users and adjust settings. There's nothing else to add, manage, maintain or worry about.

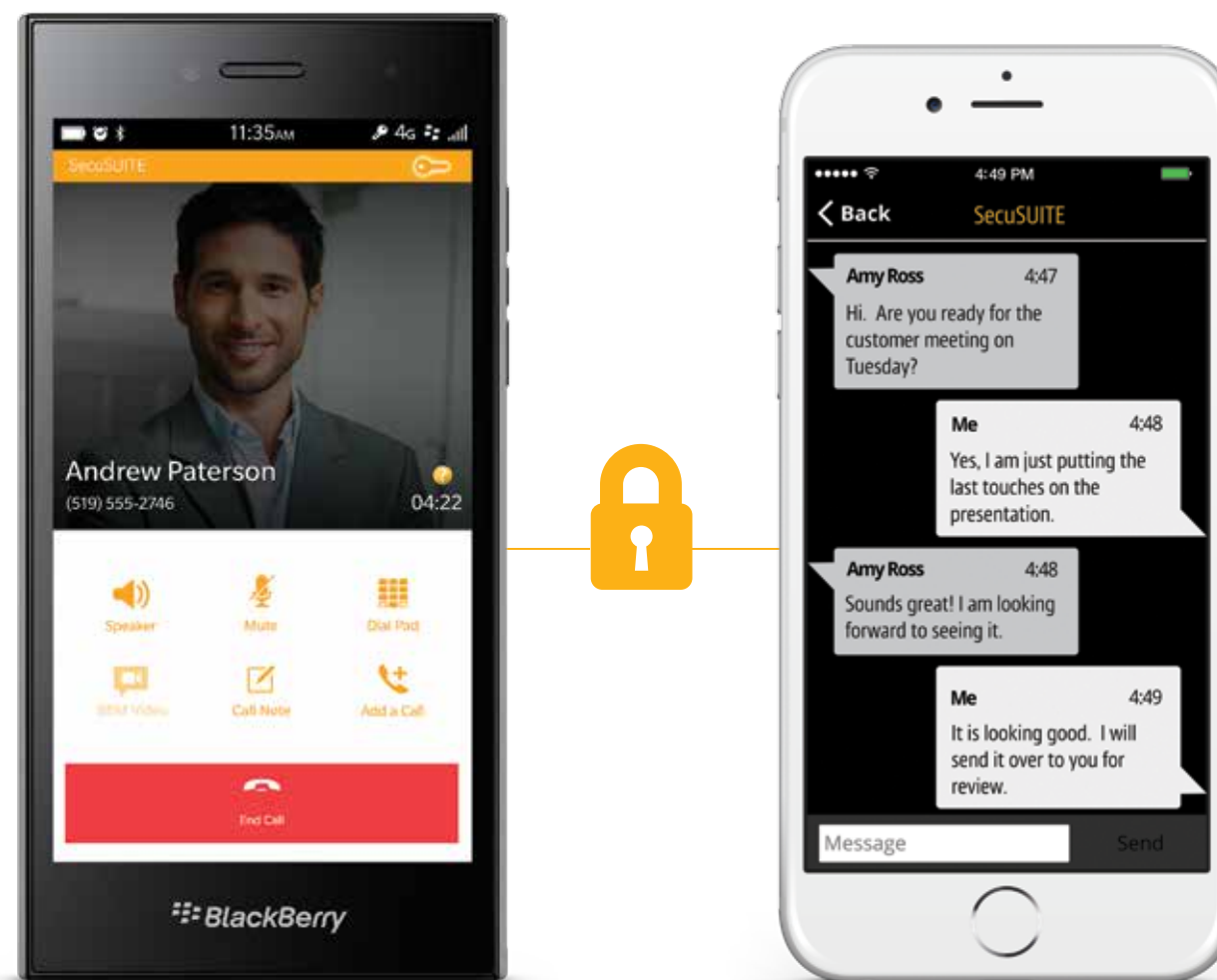


END-TO-END ENCRYPTION

FOR SECURE CALLS AND TEXT MESSAGES

Secure Calling

SecuSUITE for Enterprise voice encryption is based on an SDES/SRTP scheme that allows the exchange of session master keys within a SIP invitation handshake. The session master keys are established using the Elliptic curve Diffie-Hellman key exchange procedure. Key agreement takes place via a TLS-secured connection.



SecuSUITE for Enterprise calls and text messages are encrypted end-to-end between the smartphones of the two communicating parties. The communication can only be decrypted inside the participating user devices and not in the BlackBerry® Infrastructure.

Secure Text Messaging

SecuSUITE for Enterprise text messages are encrypted end-to-end between the devices of the two parties. As with secure calls, the communication can only be decrypted inside the participating devices.

- › Secure text messaging is protected by S/MIME encryption, using the Elliptic curve Diffie-Hellman procedure for key encryption.
- › The messages are transferred as standard SIP messages through the TLS-secured connection via the SIP server to the recipient.
- › In the case that a contact is temporarily unreachable, the server stores and later forwards the message to the recipient.

Here's how it works:

- 1 The first time SecuSUITE for Enterprise connects to the BlackBerry Infrastructure, the client generates an encrypted keystore with unique keys. Access to that keystore requires a nine-digit PIN that the end user chooses.
- 2 These unique keys are used to establish a joint secret session key between two calling parties. Each call gets its own secret session key which never leaves the device keystore, and is deleted after the call.
- 3 Elliptic curve encryption allows the use of short key lengths, resulting in faster key calculation and, ultimately, in almost instantaneous call set-up times.
- 4 Because the key exchange is happening between one endpoint and another, the BlackBerry Infrastructure can't read or store session master keys.
- 5 After a call is set up via the SIP server and the session key has been established, the voice stream is encrypted with AES-128 and exchanged using SRTP. AES-128 was chosen specifically for this purpose as a NIST-standard (National Institute of Standards and Technology,) and is approved by NATO for the encryption of voice.

WHY BLACKBERRY FOR SECURE CALLING AND TEXT MESSAGING?

BlackBerry delivers proven security, trusted by thousands of companies around the world, to protect your most important assets – your privacy and your business data.

- › Leading the industry with over 70 certifications to meet your security and compliance needs
- › BlackBerry 10 has been approved by NATO for classified communications up to “Restricted” level (BES®10 and BlackBerry 10 smartphones were the first to receive this approval)
- › 16 of the G20 governments trust BlackBerry²
- › The top 10 largest law firms trust BlackBerry²
- › 5 out of 5 of the largest oil and gas businesses rely on BlackBerry²



blackberry.com/secusuitedforenterprise

¹ BlackBerry 10 v10.3.2 and later is recommended; Android 4.3 and later; iOS 7, iOS 8, iPhone 5 and later.

² As current date of 10/14/2015

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