Quelle: https://support.apple.com/en-us/HT202345

Use S/MIME to send encrypted messages in an Exchange environment in iOS

iOS offers support for S/MIME so that you can send encrypted email messages.

To send encrypted messages, you need the recipient's certificate (public key). Mail accesses this certificate using one of two methods, depending on whether the recipient is in your Exchange environment. This article explains both methods.

Message encryption

When configuring S/MIME for your account, you can choose to 'Encrypt by Default' when composing new messages.

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	dvanced Setti	ngs
Use SSL		
MOVE DISCARD	ED MESSAGES I	NTO:
Deleted Maill	box	~
Archive Mail	хох	
S/MIME		
S/MIME		
Sign		Yes >
Encrypt by D	efault	Yes >

If you turn on the 'Encrypt by Default' preference, you can still encrypt on a permessage basis using the blue lock icon:

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Cancel	New Message	Send	Cancel	New Messa Encrypted	ge Send
To: Tom Cl	ark,		To: Tom C	lark ≜,	
Cc/Bcc:			Cc/Bcc:		
Subject:			Subject:		
Sent from	n my iPhone		Sent from	n my iPhone	
QWE	RTYU	ΙΟΡ	QWE	RTY	UIOP
AS	DFGHJ	KL	AS	DFGH	JKL
ΔZ	XCVBN	M	ΔZ	XCVB	ΝΜ 🗵
123 😅	space @ .	return	123 😂	space @	. return

Send encrypted messages to people in your Exchange environment

If your recipient is a user in the same Exchange environment, iOS finds the necessary certificate for message encryption. iOS consults the global address list (GAL) and your contacts.

Follow these steps to send encrypted messages to contacts in your Exchange environment:

1. Compose a new message in Mail. Notice the unlocked lock icon, indicating that message encryption is enabled for your Exchange account.

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Canc	el	New	Messa	ige		Send
To:						(+)
Cc/E	Scc:					
Subj	ect:					
Sent from my iPhone						
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Α	S	DF	GH	IJ	κ	L
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123		space	@	\cdot	re	turn

2. Begin addressing the message to a recipient in your Exchange organization.

••••• ?	9:41 AM	100%
Cancel	New Message	Send
To: to		- ⊕
Tom Clai tclark@ex	rk ample.com	
QWE	RTYU	I O P
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► Z	XCVBN	
123 😅	space @ .	return

- 3. Mail consults the GAL to discover the recipient's S/MIME certificate.
- 4. When Mail finds a certificate, a lock icon appears to the right of the recipient's contact name, and the address is highlighted in blue. Notice the larger blue lock icon, it can be used to toggle encryption for the message allowing you to easily compose both encrypted and an unencrypted messages.
- 5. If you add a recipient and Mail can't find the certificate, that address is highlighted in red and an unlocked icon appears to the right of the recipient's address. The message designation will now show unlocked and Unable to Encrypt.

••••• ?	9:41 AM	100% 💼
Cancel	New Message Unable to Encrypt	Send
To: Tom C Anne Joh	Clark	- +
Cc/Bcc:		
Subject:		
Sent from	m my iPhone	
QWE	RTYU	ΙΟΡ
AS	DFGHJ	KL
ΔZ	XCVBN	M 💌
123 😅	space @ .	return

Send an encrypted message to someone outside your Exchange environment

If the intended recipient is outside the sender's Exchange environment or if the sender isn't using an Exchange account, the recipient's certificate must be installed on the device. Use these steps.

- In a signed message from your intended recigent, tap the sender's address.
 Invalid signatures have a red question mark to the control to the sender's address.
 Mail indicates valid signatures with a blue check mark to the right of the sender's address.
- 2. If the sender's certificate was issued by an unknown certificate authority that doesn't reside within your Exchange environment, tap View Certificate.

) •••• ?	9:41 AM	100%
K Message	Sender	
Mei Chen		
 Untrusted 	Signature	
Mail was unab	le to verify the	authenticity
of the S/MIME	certificate prov	vided by
""Mei Chen" <	meichen@exar	nple.com>".
coming from a	different sourc	r may be ce.
g		
	View Certificat	e
other		
meichen@ex	ample.com	
Add to VIP		

- 3. To install and trust the sender's signing certificate, tap Install.
- 4. The Install button changes color to red and reads Remove. Tap Done in the upperright to complete the certificate-installation process.
- 5. iOS associates this digital certificate with the recipient's email address, allowing for message encryption.



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