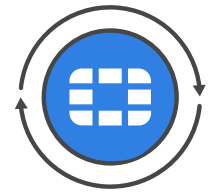# FortiTrust User-based Security

Fortinet offers a comprehensive portfolio of cloud-managed user-based security products designed to scale and support the Work From Anywhere transformation.

Key components and offerings of FortiTrust User-based Security:

- **Identity**: Cloud-managed identity and access management (IAM) including RADIUS authentication (802.1x), single sign-on (SSO), Fortinet SSO (FSSO), certificate management, passwordless (FIDO), and multifactor (MFA) and adaptive authentication with connectivity to on-premise and cloud user directories. Managed by FortiAuthenticator Cloud.

- **Zero Trust Network Access (ZTNA)**: Cloud-managed remote access including ZTNA, IPsec and/or SSL VPN, plus posture check, vulnerability management, and IT hygiene. Managed by FortiClient Cloud.

- **SASE**: Cloud-managed SASE agents for securing all endpoint communication and connecting to corporate resources/private applications. Managed by FortiSASE Cloud.

Ordering and licensing details:

- **Order Basis**: All FortiTrust services are ordered based on the number of users.

- **Endpoint Devices**: For ZTNA and SASE, each user license allows connection of up to three devices. Identity does not have a specific number of endpoint devices associated.

- **Support**: FortiCare Premium Support is included with all FortiTrust User-based Security services.

- **User Ranges**: Licenses are available in various user ranges, such as 100-499, 500-1,999, 2,000-9,999, and 10,000+ users.

Order Lifecycle:

- **New Orders**: Can be a direct purchase for the required number of users.

- **Adding More Users**: The co-term tool is recommended to add users, which aligns all contracts to the same expiration date.

- **Renewals**: The co-term tool should be used for all renewals to align contracts to the same expiration date and renew with the higher quantity/lower priced SKU.

- **Upgrades**: For upgrades, such as from ZTNA to SASE, the co-term tool is used to upgrade all existing users to the end of the term, followed by regular renewal.

The following table is designed to illustrate the most common features of each service type:

	FORTITRUST PORTFOLIO		
	IDENTITY	**ZTNA**	**SASE**
Components	FortiAuthenticator-Cloud (Enterprise IAM) plus FortiIdentity Cloud (formerly FortiToken Cloud) (MFA)	Remote access agent including ZTNA, IPsec and SSL VPN, plus vulnerability and device posture	SASE agent including ZTNA
Managed by	FortiAuthenticator Cloud	FortiClient Cloud	FortiSASE Cloud
Order Based on	Number of users	Numbers of users	Number of users
Number of Endpoint Devices	N/A	Up to 3 per user license	Up to 3 per user license
FortiCare Premium Support	Included	Included	Included
Functional Areas	Authentication/authorization, SSO/FSSO, MFA, passwordless, self-service, certificate management	ZTNA, SSL and IPsec VPN with MFA, SSOMA, vulnerability agent and remediation	Seamless and secure application access, SSL inspection, SSL and IPsec VPN, plus ZTNA

IDENTITY

	IDENTITY
MFA	
Mobile Token with Mobile Push	⊘
Email/SMS OTP, Hardware Tokens	⊘
SMS Credits	⊘
FIDO2 Authentication/Registration Server	⊘
Third-party Application Integration	⊘
ADAPTIVE AUTHENTICATION	
Integrated with Dynamic Policies and Fortinet Security Fabric Connectors	⊘
Enforce Based on Authorized Networks	⊘
Enforce Based on User Location	⊘
Enforce Based on Time of Day or Day of Week	⊘
Enforce Device Trust Policies based on Device Posture*	⊘
CLOUD-HOSTED IDENTITY MANAGEMENT	
Secure Application Access	⊘
Fortinet Single Sign On (FSSO)	⊘
Identity and Role-based Security Policies	⊘
Centralized User Identity Management	⊘
Certificate Management-VPN	⊘
RadSec service	⊘
802.1x authentication	⊘
SAML Service Provider/Identity Provider Web SSO	⊘
Open ID Connect SSO	⊘
OAuth 2.0 Service	
ADDITIONAL INFORMATION	
FortiCare Premium Support	⊘
ORDER INFORMATION	
100-499 Users	FC2-10-ACCLD-511-02-DD
500-1,999 Users	FC3-10-ACCLD-511-02-DD
2,000-9,999 Users	FC4-10-ACCLD-511-02-DD
10,000+ Users	FC5-10-ACCLD-511-02-DD

* Requires FortiClient EMS

ORDER LIFECYCLE

New Order

Example: 350 Identity users

Direct purchase

- FC2-10-ACCLD-511-02-DD (x350)

Add More Users

Example: add 200 Identity users

Direct purchase

- FC2-10-ACCLD-511-02-DD (x200)New Order

Renew All Users

Example: renew all 550 Identity users

Use the co-term tool for all renewals. This aligns all contracts to the same expiration date and renews with the higher quantity/lower priced SKU.

- FC3-10-ACCLD-511-02-DD (x550)

ZTNA AND SASE

	ZTNA	SASE
REMOTE ACCESS AND ZERO TRUST		
ZTNA	✓	✓
Central Management Using FortiClient Cloud	✓	✓
Central Logging and Reporting	✓	✓
SSL VPN	✓	✓
IPsec VPN	✓	✓
CASB (Inline and Cloud API)	✓	✓
IT HYGIENE AND ENDPOINT SECURITY		
Vulnerability Agent and Remediation	✓	✓
FortiGuard Web Filtering	✓	✓
FortiSandbox (On-premise or PaaS)		✓
USB Device Control		✓
Automated Endpoint Quarantine		✓
CLOUD-BASED SECURITY (INLINE INSPECTION)		
SSL		✓
Antimalware		✓
IPS		✓
Web Filtering		✓
DNS Filtering		✓
Botnet/C&C		✓
Data Leak Prevention		✓
ADDITIONAL INFORMATION		
Number of Devices	Up to 3 per user license	Up to 3 per user license
FortiCare Premium Support	✓	✓
ORDER INFORMATION		
100-499 Users	FC2-10-EMS05-509-02-DD	FC2-10-EMS05-547-02-DD
500-1,999 Users	FC3-10-EMS05-509-01-DD	FC3-10-EMS05-547-02-DD
2,000-9,999 Users	FC4-10-EMS05-509-01-DD	FC4-10-EMS05-547-02-DD
10,000+ Users	FC5-10-EMS05-509-01-DD	FC5-10-EMS05-547-02-DD

ORDER LIFECYCLE

New Order

Example: 350 ZTNA users

Direct purchase

- FC2-10-EMS05-509-01-DD (x350)

Add More Users

Example: add 200 ZTNA users

Direct purchase

- FC2-10-EMS05-509-01-DD (x200)

Renew All Users

Example: renew all 550 ZTNA users

Use the co-term tool for all renewals. This aligns all contracts to the same expiration date and renews with the higher quantity/lower priced SKU.

- FC3-10-EMS05-509-01-DD (x550)

Upgrade all Users from ZTNA to SASE

Example: upgrade all 550 ZTNA users to SASE

Use the co-term tool upgrade all existing users to SASE to the end of the term, and then follow regular renewal.

- FC3-10-EMS05-547-02-DD (x550)

❓ FREQUENTLY ASKED QUESTIONS

I currently have points-based FortiIdentity Cloud (formerly FortiToken Cloud) licenses. Can I switch to FortiAuthenticator Cloud?

You can activate it and consume all the points before switching to FortiAuthenticator Cloud or contact Fortinet Support to see if they can replace your unused credit-based license with a FortiAuthenticator Cloud license.

I currently have time-based FortiIdentity Cloud (formerly FortiToken Cloud) licenses. Can I switch to FortiAuthenticator Cloud?

Yes, you can simultaneously have FortiIdentity Cloud (formerly FortiToken Cloud) and FortiAuthenticator Cloud licenses.

What happens to my existing users configured in FortiIdentity Cloud (formerly FortiToken Cloud) if I switch to FortiAuthenticator Cloud?

This does not impact your existing users and they continue to use the MFA service without any interruptions. Ensure to purchase and activate your FortiAuthenticator Cloud license within 30 days of your existing license expiration.

How many SMS credits do we get with a FortiAuthenticator Cloud ID license and how can I add on more SMS?

You get 125 SMS credits per user with your FortiAuthenticator Cloud ID license. For example, if you have a 100-user license (i.e. FC2-10-ACCLD-511-02-DD x100), you will be able to use a total of 12,500 SMS credits for the year. Your SMS quota is always shared among all your users and you can replenish your SMS credits by purchasing FortiIdentity Cloud (formerly FortiToken Cloud) SMS SKUs (e.g. FTC-SMS-2500).

Do I need to purchase FortiToken licenses along with FortiAuthenticator Cloud to configure MFA?

The FortiAuthenticator Cloud license includes tokens for the FortiToken mobile application. User-friendly push technology simplifies the end user authentication experience by just requiring a swipe or click. If you prefer hardware tokens, you must purchase them separately.

I currently have a FortiAuthenticator license. Can I switch to FortiAuthenticator Cloud and what is the impact on my current configuration?

This is not currently supported without manual intervention to modify configurations required to migrate FortiAuthenticator to FortiAuthenticator Cloud. However, you can seamlessly migrate FortiToken Mobile tokens from FortiAuthenticator to FortiIdentity Cloud (formerly FortiToken Cloud) without having to reprovision the tokens for your users.

Can I use FortiTrust ZTNA with the current FortiClient Cloud ZTNA/VPN device-based license?

No, you cannot mix device- and user-based licenses on the same FortiClient Cloud account.

I currently have a device-based ZTNA license on FortiClient Cloud. Can I switch to FortiTrust ZTNA?

Yes, you can convert your current device-based license to a user-based license using the co-term tool.

What if some of my users have more than three devices?

You can order for the exact number of users that you have. If a user onboards more than three devices, they use up an additional user license.

What is the maximum number of users that you can license for FortiTrust ZTNA and SASE on a single account?

FortiClient Cloud can manage up to 50,000 endpoints on a single account.

Can I upgrade from FortiTrust ZTNA to FortiTrust SASE?

Yes, you can perform upgrades using the co-term tool.

F⊟RTINET