

SEMOPx Info – 26 September 2024

New M7 6.18 Release – System upgrades, 2FA optional feature deactivation

Important information – Action required

- **M7 6.18** Go-Live planned for **12th November 2024**, subject to successful testing
- M7 Advanced Simulation (ASIM) Environment is now available
- Scope:

Change	Scope	Impact	
		CT	API
Performance boost	Various performance optimizations to keep on facilitating and accelerating algo-trading. Enhanced handling of order book updates peak situations.	x	x
2FA enabling/disabling API feature deactivation	Security. 2FA TotpPwdReq: decommission of the flag totpEnabled, obsolete since 2FA has become mandatory in April 2024 (if still provided the flag will be ignored).		x

Dear Member,

We are pleased to inform you that the target go-live for the upcoming M7 6.18 is **12th November 2024**, subject to successful testing.

This release mainly focuses on system upgrades and performance, with no direct functional impacts for ComTrader users, and only minor & optional impacts for API users. Content of the release is summarized in the above table, and details of each change are provided in appendix.

Please note that the full API package and the link to download the new client will be available for download for all customers on the SEMOPx Website in the coming weeks.

Please do not hesitate to contact us at info@semopx.com should you require any further information.

Kind regards,
SEMOPx Team

1. 2FA enabling/disabling feature deactivation: decommission of the 2FA (2 Factor Authentication) *totpEnabled* flag, obsolete for the mandatory phase

- 2FA *TotpPwdReq*: decommission of the *totpEnabled* flag, obsolete since 2FA has become mandatory on 23 April 2024.
- If still provided, the flag will simply be ignored
- **API apps do not need to update their *TotpPwdReq* request with M7 6.18.**

During the 2FA optional phase, M7 gave the possibility to API users, in test and production, to enable/disable at will the 2FA functionality for each single user (i.e. enable/disable the need of a TOTP code/QR code when logging in), in order to get 2FA ready with a maximum flexibility.

This was technically achieved thanks to an attribute of the *TotpPwdReq* request: the *totpEnabled* flag:

- sending a *TotpPwdReq* request with *totpEnabled* = false would disable 2FA for the related user,
- sending a *TotpPwdReq* request with *totpEnabled* = true would reactivate it and re-generate at the same time a new TOTP key/QR Code (obtained in the *TotpPwdResp* response).

Since 2FA has become mandatory on 23 April 2024, the 2FA functionality is enabled by default and cannot be disabled: this option has become obsolete.

The *TotpPwdReq* request is though still useful when API users need to obtain a new TOTP Key/QR code (e.g. if lost, compromised, or due to internal security policy periodic change).

As a result, when sending this *TotpPwdReq* request:

- API apps do not need to send the *totpEnabled* flag anymore,
- If sent anyway, the *totpEnabled* flag value will be ignored, like today (meaning it is not required to amend your *TotpPwdReq* for the go live of the M7 6.18 release