

A large, stylized graphic of a horse's head, composed of various shades of teal and dark green, filling the background of the page.

**T7® 14.0 Release Notes for PEX
Simulation Version
September 2025**

Revision history

27.08.2025	V1.0: AK: Start DRAFT
29.08.2025	V1.1: AK: Update of Intended Usage Section
08.09.2025	V1.2: AK: Update Services Impact
10.09.2025	V1.3: JJ: Input ADH, RR: Input CEESEG FIX, BP: Input CEE Trader
12.09.2025	V1.4: Final Review

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OVERVIEW

T7® Release 14.0 in general

The T7® Vienna tradingsystem is upgraded to software Release 14.0 on November 10, 2025.

Time schedule T7® Vienna Release 14.0 Tradingsystem:

T7® 14.0 Simulation Calendar available:	November 29, 2024
T7® 14.0 Simulation kits and manuals available:	August 18, 2025
T7® 14.0 Simulation Conversion (no Simulation):	August 27 to August 31, 2025
T7® 14.0 Simulation End2End Testing ¹	September 1 to September 10, 2025
T7® 14.0 Member Simulation ²	as of September 11, 2025
T7® 14.0 Member Simulation CEESEG FIX	latest as of September 19, 2025
T7® 14.0 Member Simulation CEE Trader	latest as of September 19, 2025
T7® 14.0 WBAG Member Conformance Test & Readiness Declaration Deadline	October 31, 2025
T7® 14.0 Production kits and manuals available:	October 27, 2025
T7® 14.0 Production date	November 10, 2025

WBAGs Milestone and communication plan is also available in SupLog

<http://ceesuplogs01.wbag.at/suplog/view.php?id=30828>

The WBAG Simulation Calendar is provided via WBAG Xetra® Circulars, via the Closed User Group on WBAGs Website (<https://www.wienerboerse.at/handel/cug-mitglieder-3rd-parties/>) and via SupLog. Please note that the publication of WBAGs Simulation Calendar for the T7® 14.0 Release Simulation depends on the provision of DBAGs Simulation Calendar.

An overview of the functional and technical changes implemented by DBAG is given in the **release description by DBAG** – please see **SupLog** (<http://ceesuplogs01.wbag.at/suplog/view.php?id=30827>). **DBAG** also provides **modifications** of its interfaces either in separated modification announcements or directly in the DBAG interface specification documents (look for “Change Log” chapter).

Please note that WBAG may decide whether functional and technical changes are implemented for WBAG and are offered to Partner Exchanges. However, some changes implemented by DBAG don't offer the possibility to choose for or against an implementation – they are obligatory.

Changes to WBAGs market are communicated in WBAGs Xetra® circulars and in the “Member Meeting” which was held via video conference on August 29, 2025 (in English language). Partner Exchanges received an invitation to the “Member Meeting” and receive WBAG circulars also.

Furthermore, an additional “Release Talk” video conference with Partner Exchanges took place on Wednesday, August 27, 2025, with combined functional and technical focus where the functional and technical scope was presented in rough detail.

¹ Only Market Supervision of PEX and specific test members will have full access to the system, whereas members and ISVs will only have “connectivity access” (e.g. Login/Logout possibility)

² Availability of T7® native interfaces (ETI, DBAG FIX, MDI, EMDI, MDI, RDI, RDF)

T7® Release 14.0 – Intended Usage

The following list contains functional and technical items which are on the agenda of T7® Release 14.0 and describes status quo regarding the intended implementation for WBAG and offer for PEX. Please see “Explanation” column for information on possible impact and related background.

	T7® 14.0 Item	Usage by WBAG	Offered to PEX	Explanation
1	Trading Hour Exentions	No	No	New Trading Model allowing for extended trading hours for retail trading beyond start and end of normal daily trading
2	SMP Enhancements	Yes	Yes	Expansion of current “Cancel Aggressive and Passive” Self Match Prevention by “Cancel Aggressive” and “Cancel Passive” options
3	Publication VOLA Parameters	Yes	Yes	Per Market Marameter Exchanges can decide to publish VOLA Parameters vie Reference data interfaces (RDI, RDF, All Tradable Instruments File)
4	Bilateral Aggregation for TES Trades in non-CCP instruments	No	No	Aggregation of on-exchange trades and TEST trades in non-CCP instruments (specifically for FWB with separate system BRS – Bilateral Routing Services
5	Switch Mass Deletion to Session specific broadcasts	Obligatory	Obligatory	New broadcasting behaviour of T7 for Volatility interrups, Instrumnet Knock Out and Knock Out revoke, Instrument sold out and Instrument stop
6	TVTIC Changes for TES and “In Subscription Trades	No	No	BaFIN request to DBAG to change (eliminate) TVTIC provision for “In Subscription” trdes and for TEST OTC trades
7	Add Partition ID to ETI Session Logon Response	Obligatory	Obligatory	No real impact for XVIE and PEX as PEX and VIE markets run on just one partition per market
8	New ETI “Reverse TES Trade” Request	Obligatory	Obligatory	Special request to support workflow of German bilateral stock exchange trading (PÜEV) as with T7 14.0 exchanges Düsseldorf, Hannover and Hamburg will join T7 and also Börse München is about to use this feature. Please note that Regular TES LIS and TES OTC trades can’t be reversed with this request!

T7® Release 14.0 – Services Impact

This section gives an overview on the services provided to the Partner Exchanges and the impact of the upgrade from T7® 13.1 to T7® 14.0.

W B A G SERVICE	Impact due to T7® Rel. 14.0	Impact short description	SW Changes for Partner Exchanges	Availability Info	Impact on member side	Simulation availability for members
Central T7® system	Y	Please see table T7® 14.0 – Intended Usage	n.a.	01.09.2025	Change in native T7® interfaces – see specs	11.09.2025
T7® Frontend Software	Y	None	None	01.09.2025	Change in native T7® GUIs – see guides	11.09.2025
T7® Exch. Connectivity	N	Windows Server 2022 Upgrade runs paralel	n.a.	as usual	None	n.a.
T7® Member Connectivity	N	None	n.a.	as usual	None	n.a.
Interexchange Connectivity	N	None	n.a.	as usual	n.a.	n.a.
Alamo	N	None	None	01.09.2025	n.a.	n.a.
Market Maker Supervision	N	None	None	01.09.2025	n.a.	n.a.
Reference Data Admin (RDA)	Y		None	01.09.2025	n.a.	n.a.
Master Data Reconciliation (MDR)	N	None	None	01.09.2025	n.a.	n.a.
Database Replication & Unload Files	Y	None	None	01.09.2025	n.a.	n.a.
CEESEG FIX Service	Y	T7® 13.0 Compatibility	n.a.	latest Sep 19, 2025	None	latest Sep 19, 2025
CEE Trader	N		n.a.	latest Sep 19, 2025	None	latest Sep 19, 2025
Market Monitor Tools	N	None	n.a.	01.09.2025	n.a.	n.a.
SupLog	N	None	n.a.	01.09.2025	n.a.	
Market Data Services	N		n.a.	01.09.2025	n.a.	11.09.2025
Index Service	N		None	01.09.2025	n.a.	11.09.2025
Market Maintenance Service	N		n.a.	01.09.2025	n.a.	n.a.

DETAILED SERVICE DESCRIPTION

T7® Central System

With T7® Release 14.0, functional enhancements for SMP (Self Match Prevention) will be introduced by DBAG on the Cash Market side. In addition, main functional focus lies on DBAGs Retail segment, for which a trading hour expansion including a new market model will be implemented.

As with T7 14.0 other stock exchanges from Germany will be brought to T7 (Düsseldorf, Hannover and Hamburg) and OTC trading functionality between German Stock Exchanges will also move to T7, respective functional enhancements for this business will be implemented.

Vola Parameter publication in Reference Data is also part of this release.

T7® Frontend Software (Admin GUI, Clearer GUI, Control GUI, Trader GUI)

Installation of new T7® Frontend SW for T7® 14.0 is done automatically via Oracles JAVA WebStart technology (when GUIs are launched via the landing page mechanism) or via the GUI Launcher, which was implemented by DBAG after Oracle announced a license policy change (see https://java.com/en/download/release_notice.jsp).

By these mechanisms, updated GUI software versions will be downloaded automatically and will replace outdated versions without any further interaction required by the user.

For PEX, WBAG implemented DBAGs new T7® GUI Launcher to access the T7® GUIs. Respective T7® GUI Launch Icons can be found on PEX individual application servers (see screenshot with Simu Access below):



Furthermore, as backup path for GUI access, launch via the “Landing Page” mechanism was re-established using the Microsoft Edge Browser (see below)



A dedicated Shortcut was placed on the desktop of PEX application servers. After click to the Shortcut, Microsoft Edge browser opens and displays T7® GUI Landing page as first page.

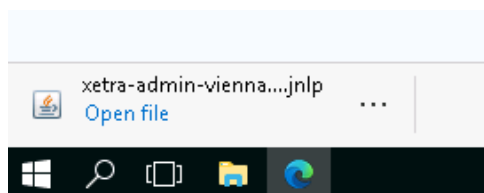
For **Production** please use the links below (this server):

[→T7 Admin GUI](#)
 [→T7 Trader GUI](#)
 [→T7 Clearer GUI](#)
 [→T7 Control GUI](#)

For **Production** please use the links below (other server):

[→T7 Admin GUI](#)
 [→T7 Trader GUI](#)
 [→T7 Clearer GUI](#)
 [→T7 Control GUI](#)

After click to the GUI, which should be launched, the respective launch file (.jnlp) is downloaded (visible in left bottom corner of the screen. When download is finished, the downloaded jnlp file simply needs to be opened and the respective GUI is started.



For more information on native T7® GUI Access, members should contact WBAGs IT Helpdesk (phone +43-153165-170, 08:00 – 18:00 CET, it_helpdesk@wienerbourse.at) T7® native GUI manuals have already been provided via SupLog (see <http://ceesuplogs01.wbag.at/suplog/view.php?id=30378>)

Release schedule T7® 14.0 - SW provision and manuals:

Provision of manuals for Simulation:	August 18, 2025
Provision of final manuals for Production:	October 27, 2025
Production GO LIVE date:	November 10, 2025

T7® Member Connectivity

No changes in Member Connectivity will apply with Xetra T7® 14.0.

Interexchange Connectivity

Application Servers for T7 Access and Access to WBAG Applications are upgraded to Windows Server 2022. This measure is performed during T7 14.0 Rollout and is independent from T7 14.0 rollout. Progress is tracked via dedicated supLOGs opened per Partner Exchange.

Please follow this process closely and let us know via the dedicated supLOGs, if, after migration, access to applications and T7 works as intended.

Alamo Service

By now no changes have been neither identified by WBAG for T7® 14.0 nor recently requested by PEX. Also "ALAMO.win" GUI will remain unchanged.

Market Maker Supervision Service

No impact for the service detected so far.

Reference Data Administration Service

No impact for the service detected so far.

Master Data Reconciliation Service for T7® 14.0

No impact for the service detected so far.

Database Replication (DBR) Service & Unload files*New fields:*

Tables TX_ORDER and TX_MP_ORDER and TX_QUOTE

- T7_CROSSING_EXCHANGE_ORDER_ID decimal(20, 0) NULL
- A_SMP_INSTRUCTION int NULL
 - 1 = Cancel Aggressive
 - 2 = Cancel Passive
 - 3 = Cancel both

Tables TX_TRADE and TX_SAFT_TRADE

- A_SMP_INSTRUCTION int NULL
 - 1 = Cancel Aggressive
 - 2 = Cancel Passive
 - 3 = Cancel both

Field changes:

- T7_RECO_ListingDataReport_Product
volInterruptStandardScope **varchar(1)** NULL -> default "2"

Change of data structures described above will be rolled out in Simulation on September 30, 2025, EOD, having effect October 1, 2025.

CEESEG FIX Service for T7® 14.0

Preliminary Version of CEESEG FIX Interface Specification F14.0 (for T7® 14.0) and Delivery Notes will be published in calendar week 38, Friday, September 19, 2025, latest. Publication of Production Version is scheduled for Friday, October 31, 2025, latest.

Start of CEESEG FIX Simulation will take place parallel to provision of CEE Trader GUI service, in calendar week 38, latest on Friday, September 19, 2025.

Please note that CEESEG FIX will not provide vola parameter information in its reference data feed (Instrument List)

CEE Trader Service for T7® 14.0

CEE Trader availability in Simulation is linked to CEESEG FIX availability and will take place on Friday, September 19, 2025. Notification on availability will be sent out to CEE Trader and CEESEG FIX clients via circular. Please note that there are currently no plans to provide a new frontend version with this release.

Please note that the SMP instruction feature will not be provided via the CEE Trader frontend. It will not be possible to enter a SMP instruction via this trading frontend.

Market Monitor Service

No impact for the service detected so far.

SupLog Issue Tracking Service

No impact for the service detected so far.

Market Data Services

Preparation of ADH Release 5.2 runs parallel to T7 14.0 rollout. Changes in ADH Message Layouts are described in ADH Specs sent out to vendors, such as:

- VolatilityLimitUpper tag VOu Static price range as percentage value
- VolatilityLimitLower tag VOI Dynamic price range as percentage value

Please consult Release notes and New Fields documents for the full list of changes.

At this time there are no changes to ADH that will be rolled out with T7 14.0 go live on 10.11.2025.

ADH 5.2. Rollout schedule is as follows:

- START OF PARALLEL RUN / Rollout on ADH1CP PROD Backup: **November 17, 2025** (ADH0CP stays unchanged on current ADH 5.1).
- Rollout on ADH0CP PROD for **Jan 19, 2026 – NOTE: This is the final possibility to switch to ADH 5.2!**

Please contact our Market Data Services Team (+43-1-53165-288, datafeed@wienerboerse.at) for further information about future ADH extensions.

Index Service

No impact for the service detected so far.

Market Maintenance Service

Rollout of T7 14.0 will have no impact on the service. If WBAG detects issues during testing, mitigation will be worked out together with DBAG and PEX.

WBAG Market Operations can be consulted directly (+43-1-53165-500, trading@wienerboerse.at, supLOG) in case of any further questions on current Market Operation Services and WBAGs internal functional handling and utilization of new features coming with T7® 14.0.

PEX are asked to forward any detected Market Maintenance Service unavailabilities in context of T7 14.0 either via supLOG or via direct contact to WBAG Market Operations.