GPW WATS 6.04 Technical System Schedule

Date: 18.11.2025 | Version: GPW1.7

Fundusze Europejskie
Rzeczpospolita Polska
Unia Europejska
Europejskie Fundusze Strukturalne i Inwestycyjne
NCBR
Narodowe Centrum Badań i Rozwoju

CONTENTS

1. DISCLAIMER

This document is for information purposes only and does not form any part of contractual documentation.

Reasonable care has been taken to ensure details contained within are accurate and not misleading at the time of publication. Warsaw Stock Exchange is not responsible for any errors or omissions contained in this document.

Warsaw Stock Exchange reserves the right to treat information contained in this document subject to later change without prior notice.

This document contains confidential information to Warsaw Stock Exchange and may not be reproduced, disclosed, or used in whole or part, in any manner, without prior written consent from the owner of this document. Information included in this document shall be maintained and exercised with adequate security measures necessary to protect confidential information from unauthorized access or disclosure.

In case of sections of documentation at a **High** level work progress according to the current version of *GPW WATS Advancement of Documentation*, Warsaw Stock Exchange will endeavor to limit changes to these sections of documents to those related to:

1. correcting errors in the documentation or in the software;
2. clarification of the documentation content or removing ambiguity;
3. implementation of approved change requests or;
4. regulatory changes.

1.1. EXCEPTIONS

Standard technical session schedule presented below will be modify during new WATS system version installation or during bug fixing process .
Additional technical session will be started at 20:00 and will be closed 23:59 during standard operational days or additionally, technical session can be organized during Sundays an Saturdays and other holidays at GPW convenience.

2. Preface

This document has been prepared by Warsaw Stock Exchange in order to help in the implementation process of GPW WATS trading platform.

2.1. Target Audience

This document has been prepared to development staff, Independent Software Vendors who produce software integrated with GPW WATS, analysts, market participants and all clients who want to deepen their knowledge about GPW WATS.

2.2. Document Purpose

This document contains a description of the elements of the technical cycle of the system's operation..

2.3. Associated Documents

GPW WATS 1.02 Glossary is a part of GPW WATS documentation set.

- GPW WATS 1.01 Trading System.
- GPW WATS 2.01 Native Order Gateway Specification,
- GPW WATS 2.02 FIX Order Gateway Specification.
- GPW WATS 3.01 Market Data Protocol.
- GPW WATS 4.01 Drop Copy Gateway,
- GPW WATS 4.02 Post Trade Gateway,
- GPW WATS 5.01 Risk Management Gateway.
- GPW WATS 2.03 Rejection Codes,
- GPW WATS 2.04 BenDec Message Definition Format,
- GPW WATS 4.03 Contract Notes,
- GPW WATS 6.01 Connectivity,

3. Document History

Version	Date	Description
1.7.1	18.11.2025	The initial publication of the documentation.

4. Technical Cycle Schedule

This section presents an archetype of the technical cycle schedule of GPW WATS.

The diagram describes general events which frame the entire technical cycle of system operation such as the start and end of the business day. Individual events affect individual financial instruments traded on the platform such as expiration of orders and publication of instrument summary statistics.

A sample trading schedule for the CLOB and BLOCK Market models is shown with the essential Market Phases such as early and late monitoring.

The session times are indicative and may not correspond to a real trading schedule.

4.1. TIMETABLE

Day	Time (CET)	Order/DC/PTG Gateways	Market Data Gateway
D1	0:00		~00:00-00:01 : Services temporary closed ~00:01 : TradingSessionStatus.TradingSessionEvent=StartOfTechnicalSession ~00:01 : Communication ports : OPEN (DDS, replay, snapshot) and Logins possible and accepted to snapshot ~00:01 : Reference data for current trading day.
	1:00		
	2:00		
	3:00		
	4:00		
	5:00		
	6:00	~06:00 : Logins possible and accepted; After successful Login : Retransmission of orders valid for current trading session, RMA limits.	
	7:00		
	8:00		
	9:00		
	10:00		
	11:00		
	12:00		
	13:00		
	14:00		
	15:00		
	16:00		
	17:00		~18:00 : Reference data for the next trading day
	18:00		
	19:00	~ 19:00 : Logout message sent by the Gateway ~ 19:01 : Communication ports: CLOSED	
	20:00		
	21:00		
	22:00		

Day	Time (CET)	Order/DC/PTG Gateways	Market Data Gateway
	23:00		~23:59 : TradingSessionStatus.TradingSessionEvent=EndOfTechnicalSession
D2	0:00		~00:00-00:01 : Services temporary closed ~00:01 : TradingSessionStatus.TradingSessionEvent=StartOfTechnicalSession ~00:01 : Communication ports : OPEN (DDS, replay, snapshot) and Logins possible and accepted to snapshot ~00:01 : Reference data for current trading day.
	1:00		
	2:00		
	3:00		
	4:00		
	5:00		
	6:00	~06:00 : Logins possible and accepted; After successful Login : Retransmission of the orders valid for current trading session, RMA limits.	
	7:00		
	8:00		
	9:00		
	10:00		
	11:00		
	12:00		
	13:00		
	14:00		
	15:00		
	16:00		
	17:00		~18:00 : Reference data for next trading day
	18:00		
	19:00	~ 19:00 : Logout message sent by the Gateway ~ 19:01 : Communication ports: CLOSED	
	20:00		
	21:00		
	22:00		
	23:00		~23:59 : TradingSessionStatus.TradingSessionEvent=EndOfTechnicalSession

4.2. PRINCIPALS

GPW WATS system bases on:

- TECHNICAL System schedule for all system events independently from business schedules

and

- BUSINESS schedules bases on a Market Operators calendars for trading events.

Normal, technical system schedule:

- **~18:00** – (MarketData) reference data for the next business trading day for each of Market Operator trading calendar will be sent;
- **23:59** – (MarketData) the technical WATS' system schedule stops with sending: EndOfTechnicalSession messages;
- **~00:02** – (MarketData) the technical WATS' system schedule starts with loading of system parameters and sending of REFFERENCE DATA for the current business session;
- **6:00 –** (nonMarketData) Logins possible and accepted; After successful Login : Retransmission of the orders valid for current trading session and RMA limits valid for current trading session.

Connecting to the market data stream should begin with a SNAPSHOT.

IMPORTANT:

• "Business day → Business day" (standard: Monday → Tuesday → Wednesday → Thursday→ Friday)

- Reference data sent by ~18:00 will be consistent with the reference data sent directly after 00:02 next business day.

• "Business day → Business day after "days off" (example: Friday → Monday, with no trading schedule MO in between Friday and Monday)

- Reference data sent on Friday at ~18:00 will be prepared for the next business session day Monday.
- Data sent after 00:01 on Saturday will parameterized and distributed the system for Sunday.
- Data sent on Saturday at 18:00 will be data for Monday.
- Data sent on Sunday after 00:01 will be data for Sunday.
- Data sent on Sunday until 18:00 will be data for Monday (consistent with data from Friday at 18:00).
- Data sent on Monday after 00:01 will be reference data for Monday, consistent with data from Friday, Saturday, Sunday 18:00.