TACHO WEB SERVER REQUIREMENTS

V1.4

Table of Contents

1. ABSTRACT

1.1 Legal Notice

1.2 About document

This document contains information about Teltonika Tacho Web Server, hardware and software requirements.

Acronyms used in this document:

- OS – Operating System
- IIS – Internet Information Services
- RDC – Remote Desktop Connection
- SMPP – Short Message Peer-To-Peer Protocol
- SMTP – Simple Mail Transfer Protocol

2. REQUIREMENTS

2.1 Minimum hardware requirements

CPU	HDD		RAM
	OS; Tacho Web; SQL	Files	
Intel i3 (or better)	SSD (200 GB)	HDD (RAID1 recommended)	4+ GB

2.2 Minimum software requirements

Server must meet software requirements listed below.

OS	Microsoft Windows Server Standard Edition 2008 R2 or newer
Database engine	Microsoft SQL Server Standard Edition 2008 R2 or newer **Microsoft SQL Server management Studio** Windows Authentication login to SQL Database engine!
Web server	Microsoft Internet Information Services (IIS) 7.5

Microsoft .NET Framework	4.6.2
Oracle Java Platform SE Development Kit (JDK)	**Newest version for Windows x86 (32bit) software**
Internet connection	At least 10Mbits **Static external IP address** **(having domain address is preferred)**
Ports forwarding must be configured on gateway router to server local IP	TCP: 80 – for Server For Tacho Web access TCP: 29000-29003 – for communication with units, company cards, GPRS device activation TCP: 3389 – for RDC connection
Remote Desktop Connection (RDC)	Must be enabled and following information provided to Teltonika export manager: IP, Account user name, Password
SMTP Server account	Account for SMTP server to send e-mail notifications from Tacho Web

ENGLISH versions of software should be installed!!!

2.3 Before installation:

Email warnings

Create SMTP no-reply account.

Information needed:
- SMTP server host
- SMTP server port
- Email address
- User name and password for login

SMS sending and warnings

If Teltonika ModemCOM/G10 will be used to send SMS from server, modem with SIM card inserted must be connected to one of the server COM ports.

If you plan to use SMPP service instead of Teltonika modem you must provide information for its configuration before installation.

GPRS activation

DDD download without SMS is possible if vehicles are sending data to Teltonika TAVL server (TAVL server update might be required). If third party service provider server is being used – Teltonika can provide information how to implement DDD download activation on third party servers.

GPRS activation is supported on FM5300 with firmware versions **01.02.15+** and FM6320 with firmware versions **00.01.05+**. Requires using TCP protocol in FM5300, FM6320 configuration.

3. SUPPORT

3.1 Installation

Tacho Web Server should be installed and maintained by Teltonika specialists only. Teltonika is not responsible for Tacho Web Server performance if it was installed or modified (moved, reconfigured or other) by third party. Before Tacho Web Server installation client must prepare hardware and software meeting requirements described in REQUIREMENTS section and information listed below:

Data and RDC ports should be opened before server installation! List of recommended ports is provided by Teltonika specialists before server installation.