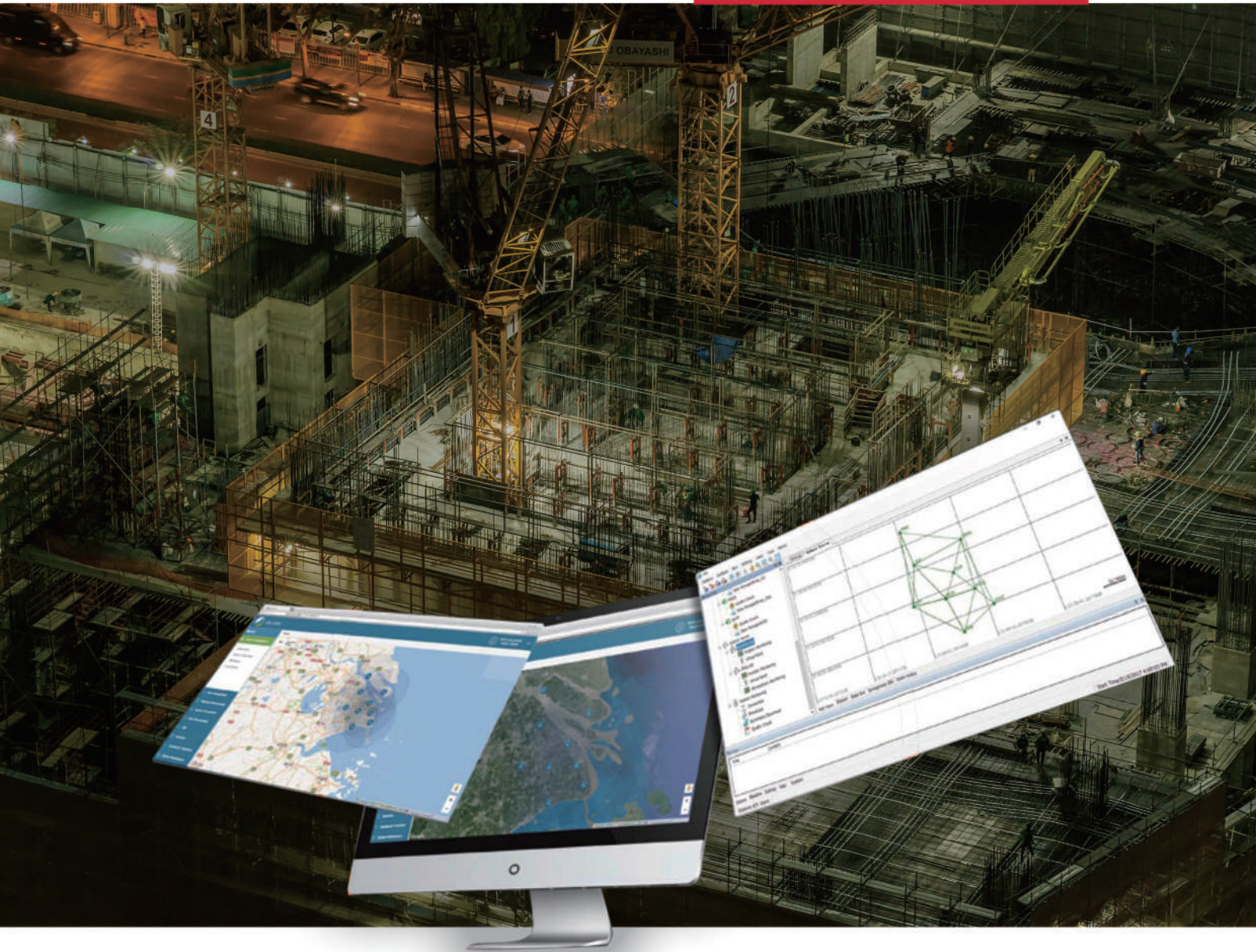


# GEOMATE

Premium Surveying. Trusted Solutions



# GEOMATE MPPS

Meta Precision Position System





## GEOMATE MPPS

MPPS (Meta Precision Position System) is an advanced server-based software solution package to control and manage regional and nationwide GNSS CORS and RTK networks. MPPS is the result of years of scientific development and technical qualification. With optimized analysis of GNSS positioning errors such as ionospheric, tropospheric, orbit and multipath errors, MPPS computes and outputs high quality RTK corrections from single base up to virtual network base solution. Supporting direct TCP/IP and NTRIP protocols as well as embedded user's management, MPPS is the solution to deliver local to large-scale reliable CORS and RTK network services.

## SPECIFICATIONS

System Recommendations	
Operating system	Microsoft Windows <sup>(1)</sup> 7, 8, 8.1, 10 (32-bit and 64-bit) Microsoft Windows <sup>(1)</sup> server 2008, 2012 (32-bit and 64-bit)
Runtime library	.Net Framework 4.0 runtime
Database	SQL server 2008 or higher version (32-bit and 64-bit)
Hardware	
Processor	Dual-core for less than 20 stations Quad-core for less than 40 stations 2.5 GHz or higher (Minimum ) Eight-cores for more than 50 stations (Recommended)
RAM	8 GB for less than 20 stations, 16 GB for less than 40 stations, 32 GB for more stations
Hard disk	200MB for MPPS software package approx. 100 MB storage space per day per station (depending on number of tracked satellites)
Capacity	
Reference Station	Based on the distributed structure design, multiple MPPS can run in parallel, meaning that as long as the license covers, the total number of reference stations is not limited.
User Account	Support for more than 1000 simultaneous users (depending on the server's hardware specifications). Based on the distributed structure design, multiple MPPS can run in parallel, meaning that as long as the license covers, the total number of user accounts is not limited.
RTK Correction Type	CMR, CMR+, RTCM2.3, RTCM3.0, RTCM3.2
DGPS/ DGNSS Correction Type	RTCM 2.x
Constellation System	GPS - L1,L2,L5 GLONASS - L1,L2, L3 Galileo - E1,E5A,E5B,E5AltBOC,E6 BDS - B1,B2, B3
Compatibility	Trimble, NovAtel, Leica, Topcon, Ashtech, Hemisphere, etc., or other brands based on OEM boards from these manufacturers. Compatible with reference and rover receivers of those brands.
Communication	TCP server,TCP Client,UDP server, NTRIP Client, Telnet

Recommend Browser
Microsoft Internet Explorer 10 or higher
Google Chrome
Software License
USB dongle driver
Software registration code
Supported Language
French
English
Traditional Chinese
Simplified Chinese
Russian
Spanish

\*All specifications are subject to change without notice.  
(1) Under Microsoft Windows, requires Administrator Privileges.