

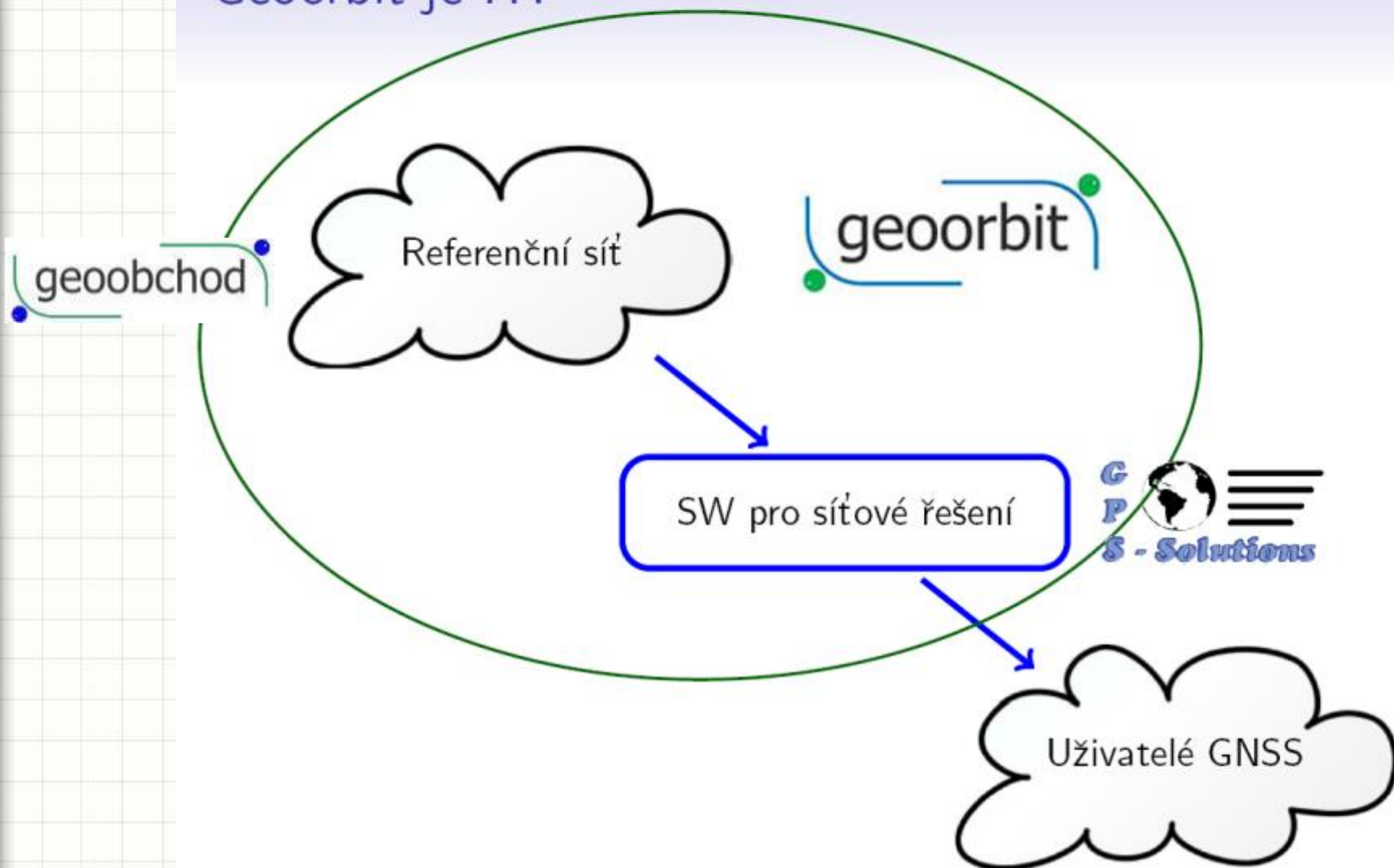


# **GEOORBIT NOVINKY GNSS SÍŤ**

geobchod, s.r.o. + GPS Solutions Ltd.

Aleš Rucký + Zdeněk Lukeš

## Georbit je ...



# Tým geobchod s.r.o.



# GPS Solutions/team

## GPSS Development Team



Prof. L. Mervart  
Algorithm / software development



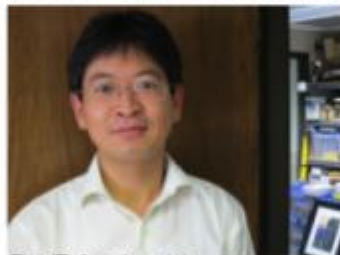
Mr. J. Johnson  
Co Founder, head of engineering



Dr. C. Rocken  
Co Founder, science lead,



Dr. Z. Lukes  
Algorithm / software development



Dr. T. Iwabuchi  
Software applications,  
development and testing



Mr. J. Barron,  
Programmer / Software testing



Dr. T. Springer  
Orbit  
Determination  
(PosiTim)

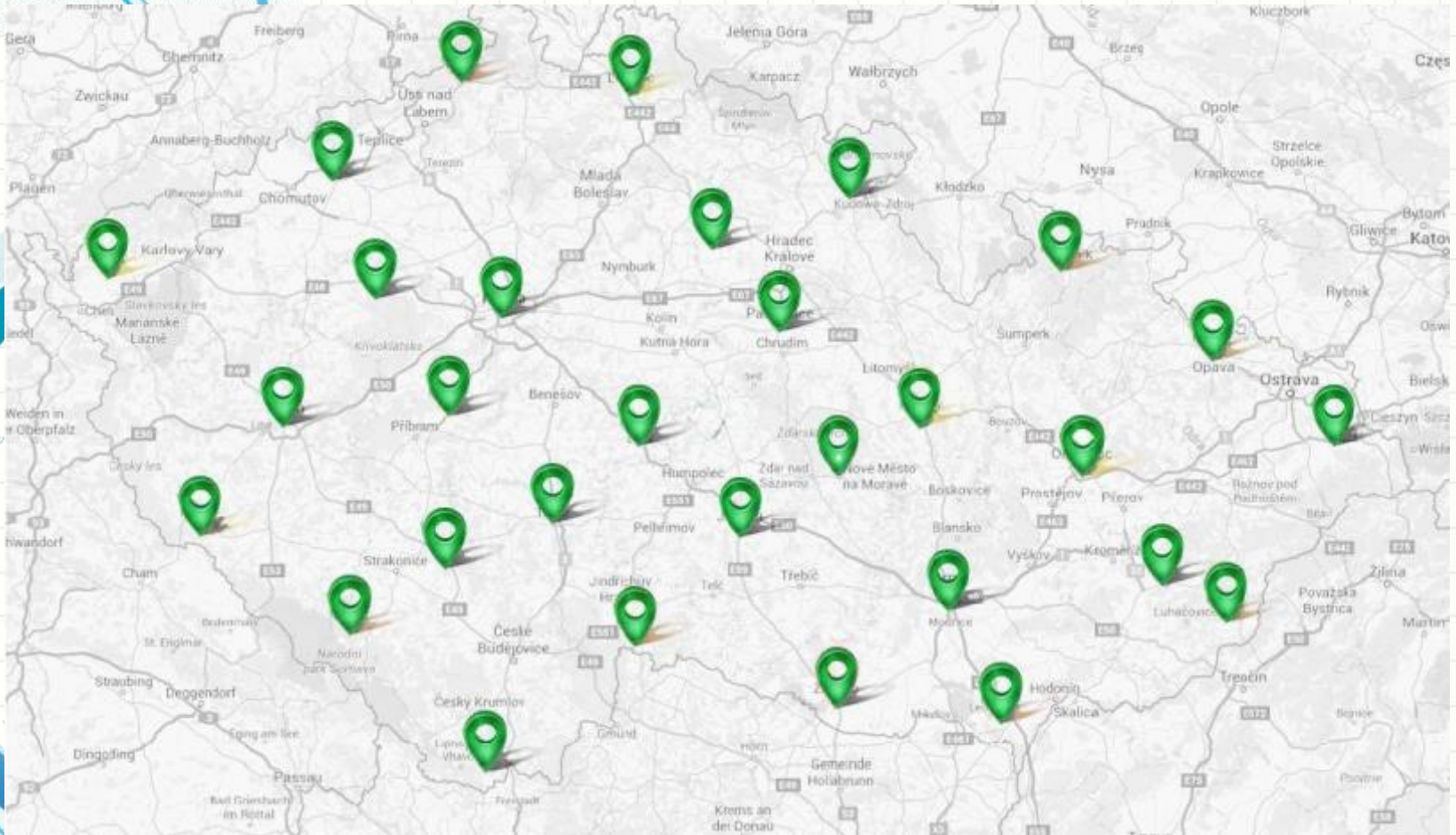


Mr. S. Cumminss, Programmer



Tom Hunt  
Programmer  
Sys. Admin.

# geoorbit



# Změna - hardware

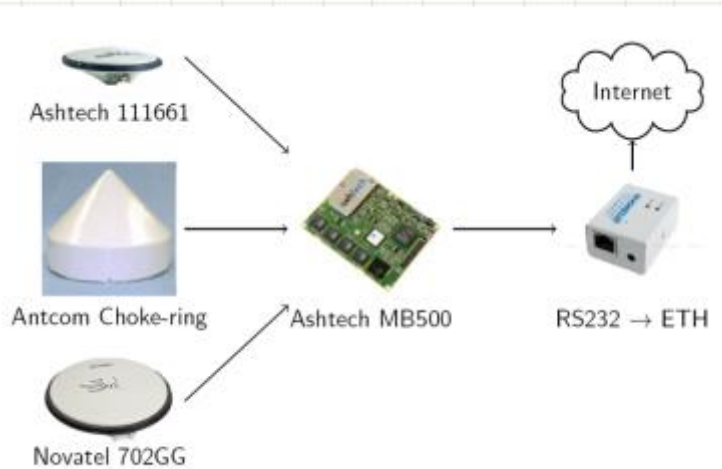


Anténa GNSS-850



GNSS NOVATEL OEM719

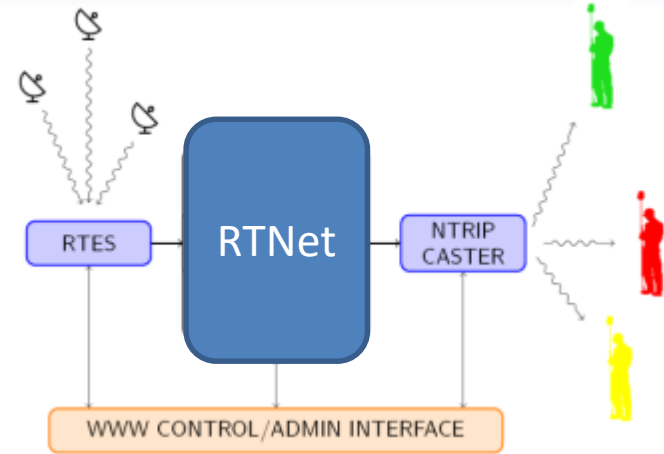
Staré řešení:



# Změna - software

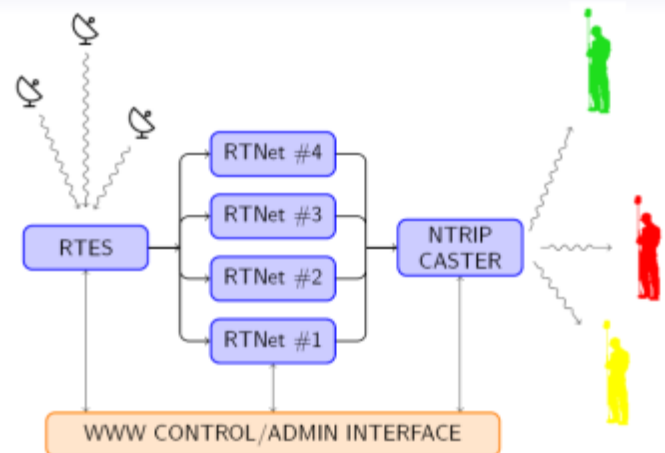
Jedna kompaktní síť

GEOORBIT / RTRef: síťové řešení



Staré řešení:

GEOORBIT / RTRef: síťové řešení



# georbit - web

Stations Networks Mount Points Customers Status Station Stats Sending Emails Alarm Emails

Station List Station: GPAR


C\_LIT  
C\_PRAG  
C\_PRI  
C\_RAK  
FAKE\_EPH  
FAKE\_EPH\_MGEX  
GBRE  
GBRN  
GCET  
GDEC  
GDOM  
GHOS  
GJES  
GJIH  
GLIB  
GMOS  
GNBY  
GNME  
GNMO  
GOLO  
GOPV  
GOST  
**GPAR**  
GPIS  
GPLZ  
GPRG  
GRAK  
GSLV  
GSOX  
GTAB  
GTRE  
GTRI  
GVIM  
GZLN  
GZNO  
GZRU

Receiver  
X (m)  Y  Z   $\sigma$    
Lat  Lon  Ht (m)   Decimal  \*\*\*  
Country   
Sample Rate (ms)  Receiver Type

Antenna   
Data Connection   
Host:  Port  Data Format   
Offsets (meters)  
North   
East   
Up

Constellations  
 GPS  GLONASS

Carriers  
L1  L2



Map showing station locations in Central Europe. Pins are labeled with station IDs: FAKE\_EPH, FAKE\_EPH\_MGEX, GDEC, GLIB, GOST, GNME, GJES, GPRG, C\_LIT, C\_RAK, C\_PRAG, GTRI, GOPV, GZLN, GZNO, GZRU, GSOX, GHOS, C\_PRI, GZRL, GSKA, GTRE, GNMO, GOLO, GTRI, GDOM, GTAB, GJIH, GBRN, GZLN, GSEV, GVIM, GBY, GZNO, GSEV, CCET, GBRN. The map covers approximately 10°E to 24°E and 48°N to 52°N.

Add Remove Save Revert Export Import Antenna History



# georbit – stav sítě

RTRef Manager x RTRef Manager x NPSM x Client Logs x Account Info x

← → ↻ ⚠ Not Secure | 🔍 ☆ ⋮

## Network Status: GEOORBIT\_C

**GPS Solutions S-Solutions**

**Data Stream**  
Stop  
Streaming

**Toggle Visibility**

Stations	Baselines	GPS	GLO	GAL	QZS	BDS
GBRE Select Selected NONE	GPAP-GZRU Select Selected NONE Show Redundant <input checked="" type="checkbox"/> Wide <input type="radio"/> Narrow <input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		GPS30 Select Selected NONE				

Clients  Show connected since: 48 hour(s)

Legend: Overview Mode

Station Quality Legend

Show Solution Plot

geodes3  
Sat, 14 Jan

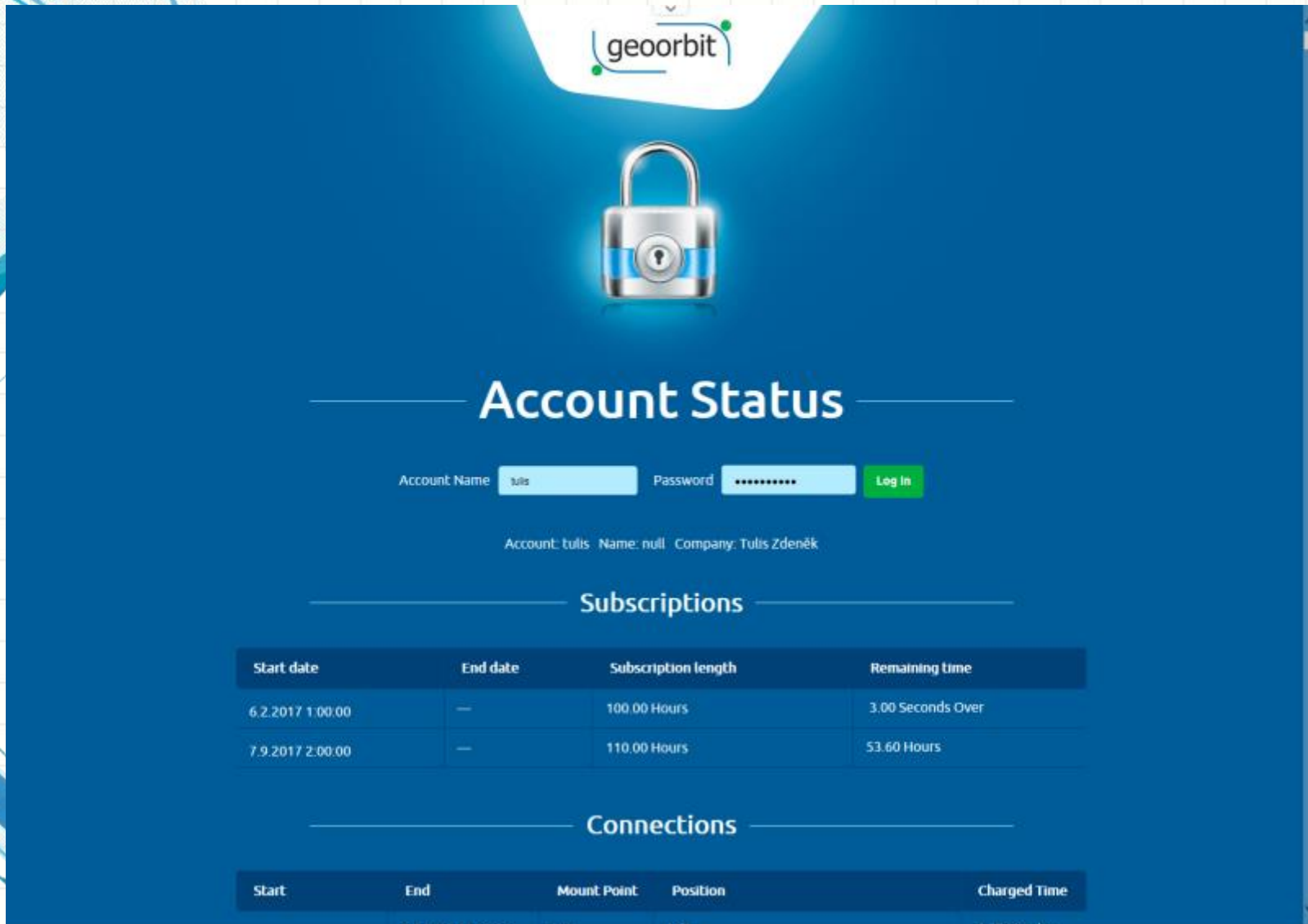
IP: 37.188.158.166  
Account: geodetales3  
Started: Sat, 14 Jan 2017 10:00:24 GMT  
Stopped: Sat, 14 Jan 2017 10:03:51 GMT  
Quality: RTK Fix

2017-01-15 16:38:02 UTC

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# georbit – uživatel

<https://ucet.georbit.cz>



The screenshot displays the user interface for the georbit website. At the top, the georbit logo is visible. Below it is a large padlock icon. The main heading is "Account Status". There are two input fields: "Account Name" with the value "tulis" and "Password" with masked characters. A green "Log In" button is to the right. Below the login fields, the account details are shown: "Account: tulis Name: null Company: Tulis Zdeněk". The "Subscriptions" section contains a table with the following data:

Start date	End date	Subscription length	Remaining time
6.2.2017 1:00:00	—	100.00 Hours	3.00 Seconds Over
7.9.2017 2:00:00	—	110.00 Hours	53.60 Hours

The "Connections" section is partially visible at the bottom, showing a table with columns: "Start", "End", "Mount Point", "Position", and "Charged Time".

# geoorbit - info

IP: data.geoorbit.cz

Port: 2100

Nově RTCM 3.2

# geoorbit - ceny

110 hodin = 12 000 Kč  
13 měsíců = 24 000 Kč

Pro více účtů individuální slevy



**DOTAZY?**

**Děkuji za pozornost.**