



Latvian Geospatial
Information Agency

LatPos status report

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Latvian Geospatial Information Agency
GNSS PERMANENT BASE STATION DIVISION

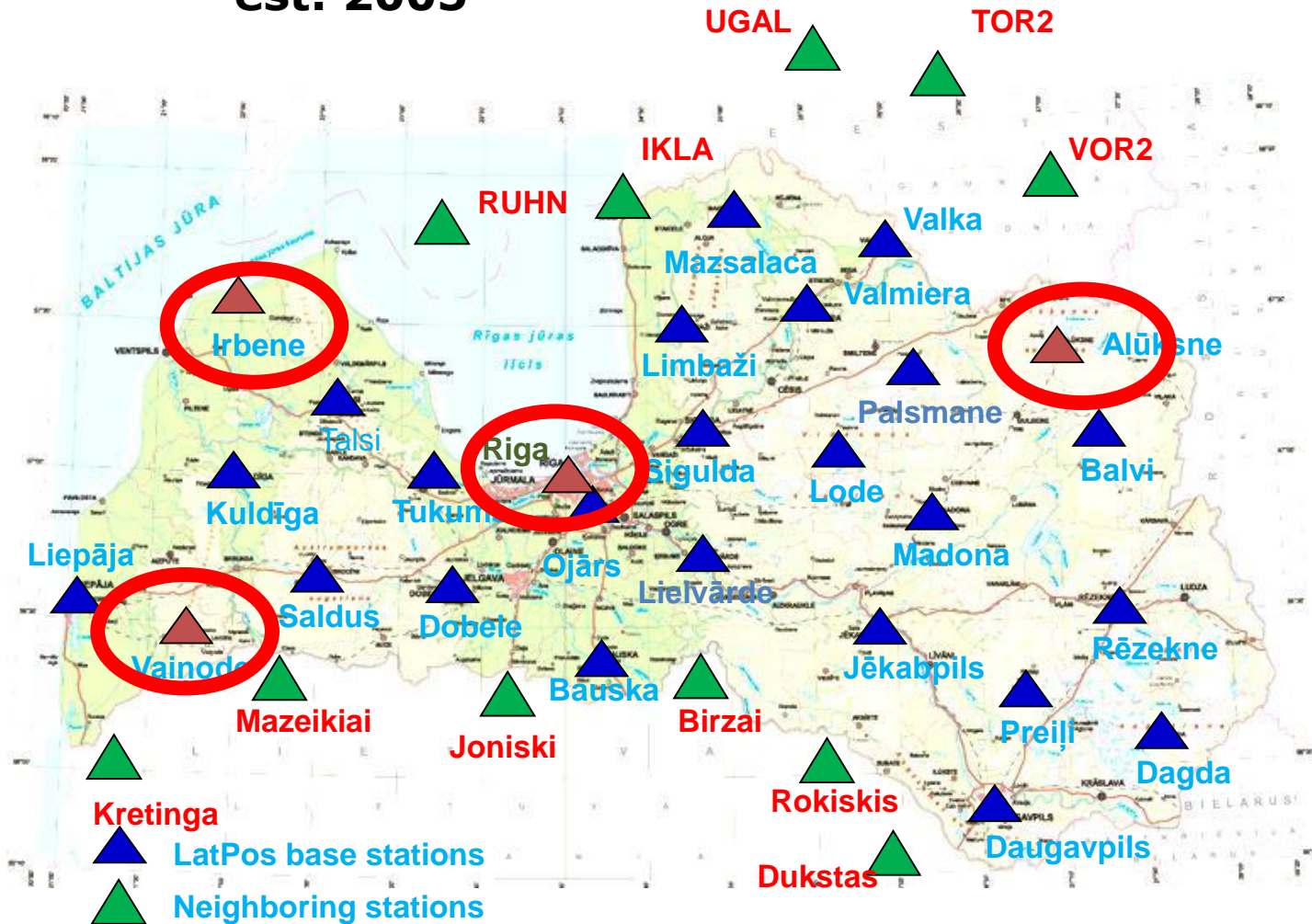
PhD. Didzis Dobelis

Latvian Geospatial Information Agency
GNSS PERMANENT BASE STATION DIVISION

3rd *EUPOS*[®] Council and Technical Meeting
14 – 15 November 2016

GNSS Systems used in LatPos

est: 2005



Riga, Irbene, Vainode, Aluksne
Spider v6.2



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LatPos Services

Cm service

RTK / Precise Agriculture

Submeter

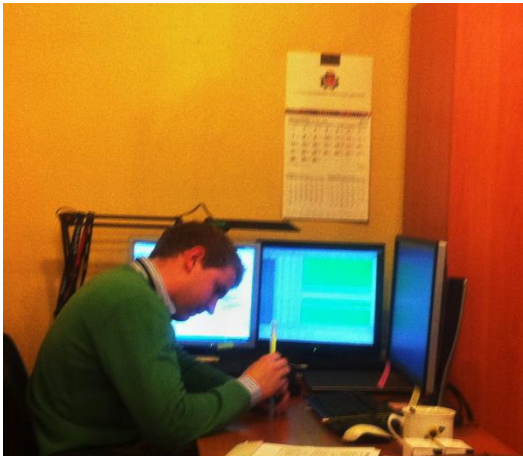
Handheld GNSS

Post processing

RINEX 2.11 (Ready 3.x)

1 sec data 2 Years

30 sec data – all (from 2005)





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LatPos users

Total	674
RTK	364
Agriculture	78
DGPS	23
RINEX	190



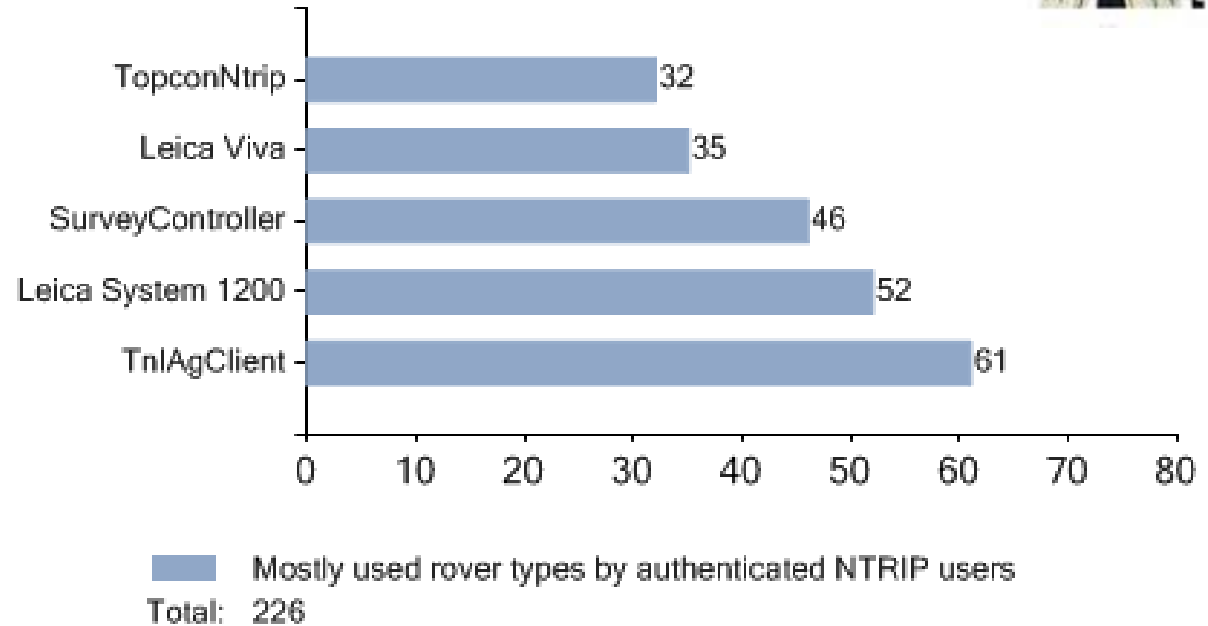


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LatPos users



Top 5 GNSS Rover Types





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LatPos pricing EUR

Time span	Day	Month	Year
RTK all Latvia	18.78	83.04	536.47
RTK region (12300km ²) (user friendly)	15.58	52.01	312.80
Agriculture (DGPS) In region		28.60	91.65
RINEX 1 sec	FREE		





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LatPos Yearly tests

1. Initialization time – Time to FIX
2. Initialization repeating – number of measurements
 - in same point with different FIX
 - different TYPE of FIX (MAX,iMAX,SINGLE,VRS)
 - In time span up to HOUR
3. RTK stability in time span – Hour
4. Post processing.





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Thank You for attention!

QUESTIONS?

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