



# Agency for Land Relations and Cadastre of the Republic of Moldova



- National Positioning System
- Permanent stations MOLDPOS
- Services and Advantages
- Work carried out
- Users
- Prospects





## Agency for Land Relations and Cadastre of the Republic of Moldova

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- Moldavian Position Determination System MOLDPOS allows you to determine the position of the object with an accuracy of up to a centimeter. The operation of the national system for determining the position on land, water and in the air is provided by 10 base stations made according to the standards of the European positioning system Eupos.
- 10 of them are located in the largest cities of Moldova and cover the entire territory of the country, the remaining 15 belong to colleagues from neighboring countries such as Romania (7) and Ukraine (8)
- Information from the stations is processed in the control center which is located in the Data Center of the state telecommunications operator Moldtelecom.

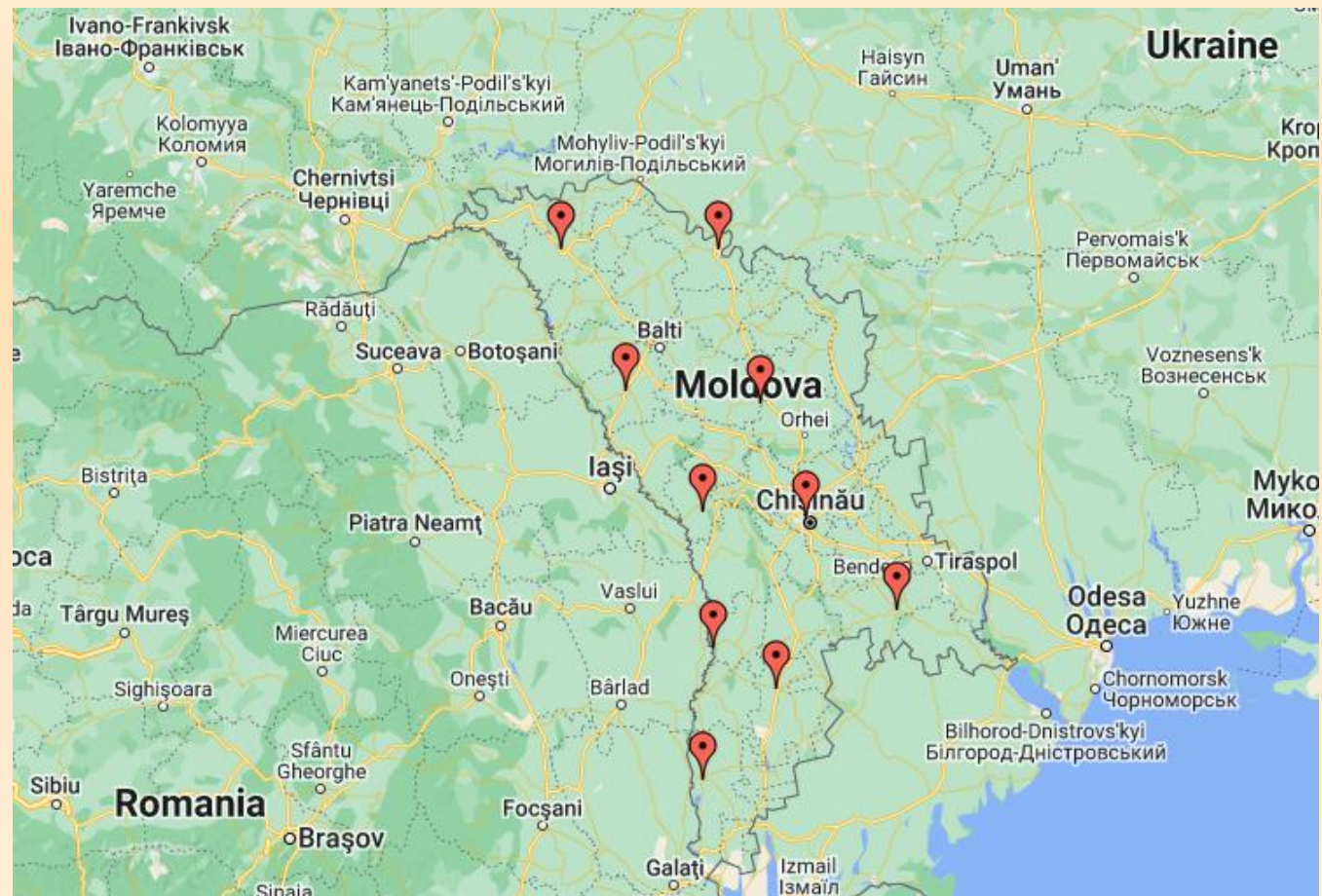


# Agency for Land Relations and Cadastre of the Republic of Moldova



## MOLDPOS permanent station

- Cahul
- Caușeni
- Chișinău
- Comrat
- Edineți
- Fălești
- Leova
- Nisporeni
- Soroca
- Telenești





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## MOLDPOS permanent station

Leica GR 10



Leica AR 10

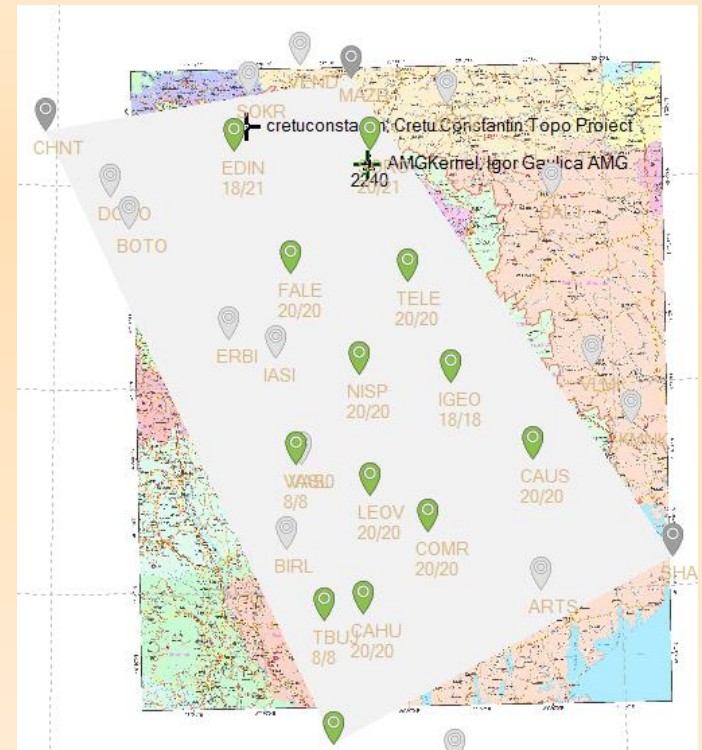
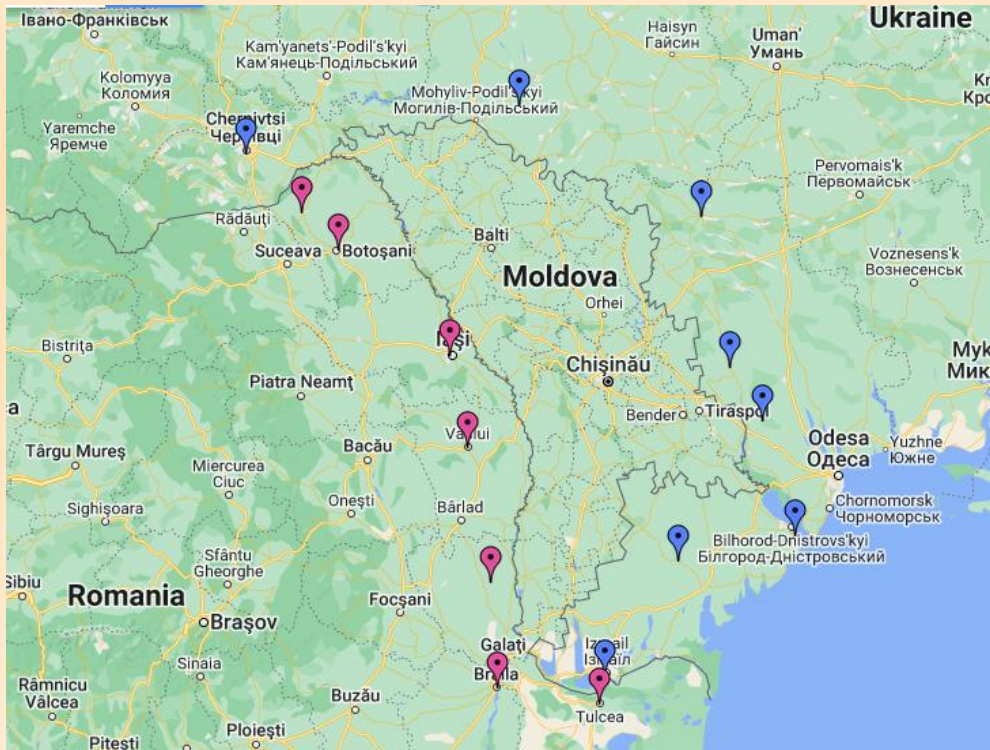




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MOLDPOS Network with neighboring countries permanent station





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## Services and Advantages

RTK Mode

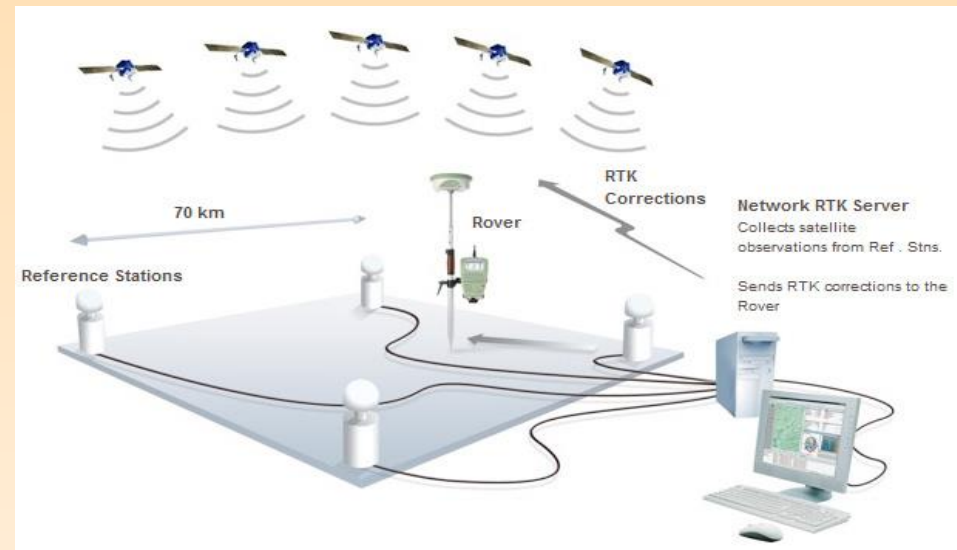
RTK 1-10 cm.  
DGPS 50-60 cm.

Static Mode

RINEX v. 3.02  
PP 1-10 mm.

Message Type

Virtual RTCM  
MAC RTCM  
MSM RTCM



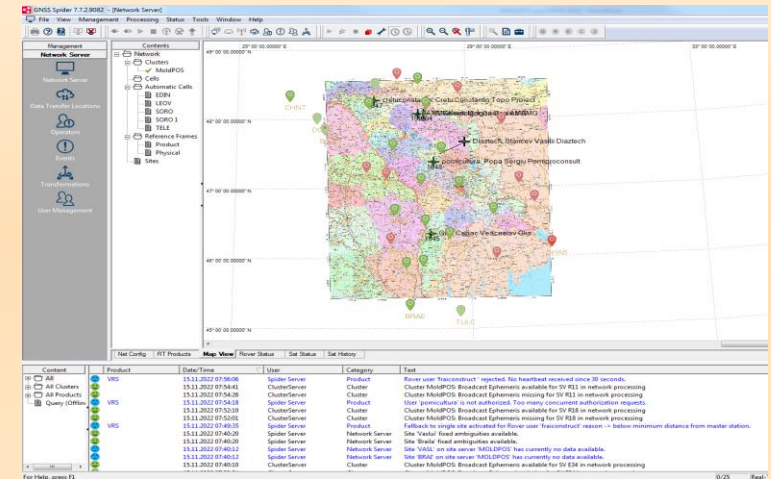


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## Work carried out

- Leica Spider GNSS
- Leica Spider Business
- Leica QC



No.	Registration	User Name	E-mail	Company	Sales Org. Owner	Privilege	Reg. Date
1		13005 Eudemia Costina	eudemiad@geocat.md	INGEOCAD	Direct	User	
2		KICorTigo KICorTigo Andrei Rus	kicortigo@gmail.com	KICorTigo	Direct	User	2021-04-06
3		AKSRT ALBAZAZDA	aksrt@qca.md	ACSA	Direct	User	2018-05-06
4		KINAZ ACIDAZAZDA	kinaz@qca.md	ACSA	Direct	User	2018-06-03
5		Acton-Gaz Acton-Gaz Tareu Andrei	acton-gaz@get.ro	Acton-Gaz	Direct	User	2022-03-15
6		Admin Vela Paroskoy	vparoskoy@leica-geosystems.com.ua	Leica geosystems	Administrator		
7		Affracat Affracat Valeriu Cucu	affracat@gmail.com	Affracat	Direct	User	2021-02-17
8		Affracat Affracat Valeriu Cucu	affracat@gmail.com	Affracat	Direct	User	2021-07-02
9		Affracat Affracat Valeriu Cucu	affracat@gmail.com	Affracat	Direct	User	2022-01-28
10		Agrosistem Agrosistem Doina Voronca	sovet177@gmail.ro	Agrosistem	Direct	User	2022-06-07



# Agency for Land Relations and Cadastre of the Republic of Moldova



## Users components and packages

- 150 registered users
- 140 active users
- 13 agrarian users
- 2 static mode







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## Packages

- |                 |                 |               |
|-----------------|-----------------|---------------|
| ■ RTK 100 min.  | ■ 12 euro       | 0.10 cent/min |
| ■ RTK 400 min.  | ■ 40 euro       | 0.10 cent/min |
| ■ RTK unlimited | ■ 100 euro      |               |
| ■ RINEX         | ■ 1.5 euro/hour |               |



# Agency for Land Relations and Cadastre of the Republic of Moldova



## Connection quality

GNSS Spider 7.7.2.9082 - [Site Server]

File View Management Raw Data Status Tools Window Help

Management	Site Name	Site Code	Comm Activity	Data Received [%]	GPS	GLO	GAL	BDS	QZSS	Fix	19.10.2022 09:30	19.10.2022 09:35	19.10.2022 09:40	19.10.2022 09:45	19.10.2022 09:50	19.10.2022 09:55
Site Server	Edinet	EDIN	receive data	100.0	10	6	6	-	-	13						
Sites	BRAIL	BRA0	receive data	100.0	8	5	7	-	-	22						
ARTS	VASL	VAS0	receive data	100.0	8	5	7	-	-	22						
BALTA	BOTO	BOTO	receive data	100.0	8	5	-	-	-	22						
BIRL	Falesti	FALF	receive data	100.0	10	5	6	-	-	22						
BOTO	Cahul	CAHU	receive data	100.0	10	6	6	-	-	22						
BRAIL	Soroca	SORO	receive data	100.0	10	6	6	-	-	22						
Braila	Telenești	TELE	receive data	100.0	10	6	6	-	-	22						
Cahul	Nisporeni	NISP	receive data	100.0	10	6	6	-	-	13						
Causeni	Leova	LEOV	receive data	100.0	10	6	6	-	-	22						
	Comrat	COMR	receive data	100.0	10	6	6	-	-	22						
	Causeni	CAUS	receive data	100.0	9	6	6	-	-	02						
	TULC	TULC	receive data	99.9	8	5	7	-	-	22						
	IGEO	IGEO	receive data	99.9	10	7	4	-	-	22						
	Dorohoi	DORO	receive data	96.2	10	-	-	-	-	22						
	Vaslui	VASL	receive data	96.2	10	-	-	-	-	22						
	Tirgul	TBUJ	receive data	96.2	10	-	-	-	-	22						
	SOKR	SOKR	receive data	95.8	10	3	-	-	-	22						
	Braila	BRAI	receive data	95.8	10	-	-	-	-	22						
	MAZR	MAZR	receive data	95.6	8	4	-	-	-	22						
	Cernovți	CHNT	receive data	68.6	10	6	6	-	-	22						
	KMINK	KMINK	disconnected	-	-	-	-	-	-	-						
	BIRL	BIRL	disconnected	-	-	-	-	-	-	-						
	ERBI	ERBI	disconnected	-	-	-	-	-	-	-						
	KRUZ	KRUZ	disconnected	-	-	-	-	-	-	-						
	VEND	VEND	disconnected	-	-	-	-	-	-	-						
	VLMI	VLMI	disconnected	-	-	-	-	-	-	-						

Site Map Site Sensor Raw Data Status File Products RT Products RT Positioning PP Positioning

Content	Date/Time	User	Category	Text
All	19.10.2022 09:59:09	Spider Server	Sensor	Site 'BALTA': Disconnect sensor finished.
All Sites	19.10.2022 09:59:02	AMihailov	Site Server	Server 'Site Server' opened.
Query (Off)	19.10.2022 09:58:40	Spider Server	General	Ephemeris data updated. GLONASS Satellite: 15, Issue: 39, IOD: 39, Time: 10-19-2022 06:45:18.
	19.10.2022 09:57:02	Spider Server	General	Ephemeris data updated. GAL Satellite: 36, Sig: FNAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:56:17	Spider Server	General	Ephemeris data updated. GAL Satellite: 36, Sig: INAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:56:12	Spider Server	General	Ephemeris data updated. GAL Satellite: 4, Sig: FNAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:55:17	Spider Server	General	Ephemeris data updated. GAL Satellite: 4, Sig: INAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:52:02	Spider Server	General	Ephemeris data updated. GAL Satellite: 5, Sig: FNAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:52:02	Spider Server	General	Ephemeris data updated. GAL Satellite: 11, Sig: FNAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:52:02	Spider Server	General	Ephemeris data updated. GAL Satellite: 34, Sig: FNAV, IODE: 88, Time: 10-19-2022 06:40:00.
	19.10.2022 09:50:47	Spider Server	General	Ephemeris data updated. GAL Satellite: 5, Sig: INAV, IODE: 88, Time: 10-19-2022 06:40:00.



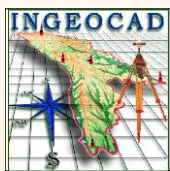
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## Prospects

- Recalculate the network
- Latest Updates
- Chinese satellite System



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Thank you for attention....