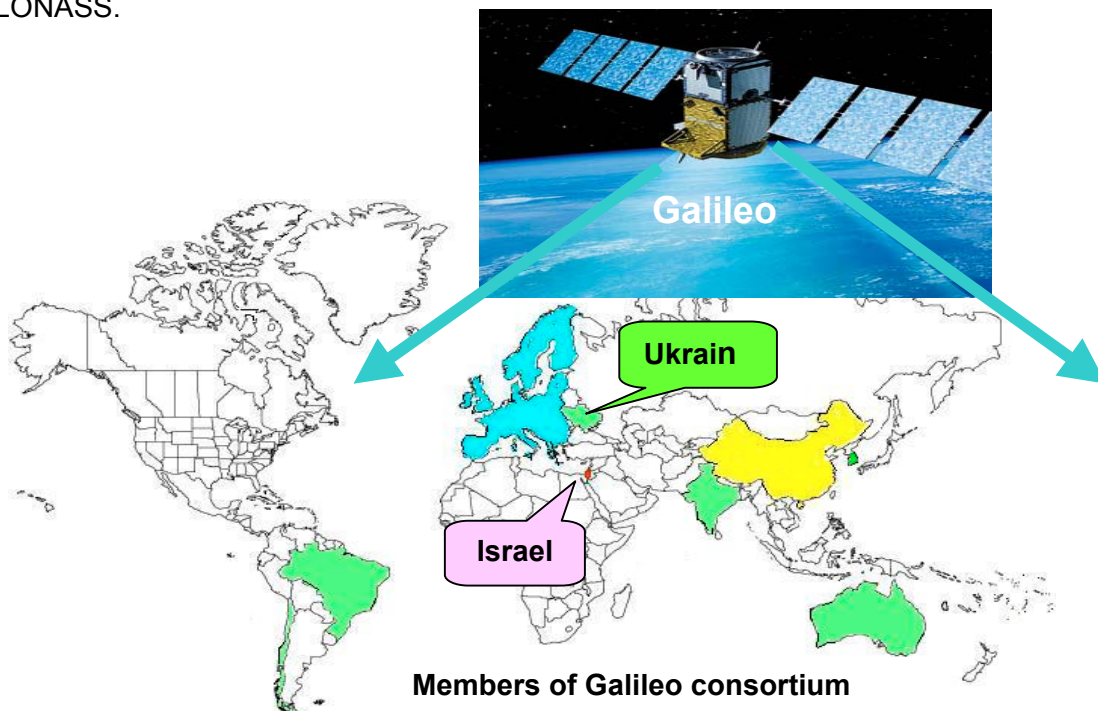


Galileo: Open - Commercial - Public regulated, Safety of Life Services and its Implications for Industrial Users

Galileo will be a competitor, but also partner for GPS and GLONASS. It is a global positioning and information systems of superior performance. It profits from the experience of GPS and consequently alleviates some of the previous shortcomings of GPS. Galileo is a civilian positioning system and will always be available with 100 % integrity to users regardless of any political or military confrontation. This means that a cm-accuracy of positioning will always be possible subject to local reception conditions.

This Tech Watch Study was initiated by Japanese industries, despite of the fact that Japan is relying entirely on GPS systems. However Japanese industrial products are exported worldwide and also to areas such as the EU, Australia, Brazil and China, where Galileo will become the principal global positioning system. Surprisingly, European companies such as automobile firms, driving map makers, transportation companies and others seem to wait it out until the system goes commercial. There are other more forward looking industries such as the health care industry, which recognizes the benefits of precise positioning of, for instance a patient, tracking their movements and health data. These industries are developing products based on Galileo in using their specific commercial objectives.

This Tech Watch study describes application areas, which will be developed in using the specific features of Galileo, which are not accessible from other systems such as GPS or GLONASS.



*This Tech Watch study is carried out in collaboration with **sgt Sensor Consulting Dr. Guido Tschulena**. Further information on this report can be obtained from **Dr. Felix J. Trojer** from Netlab GmbH in Düsseldorf. Phone: + 49-211-994-5473, Fax: + 49-211-994-5476, e-mail: netlab@t-online.de*

Galileo: Open - Commercial - Public regulated, Safety of Life Services and its Implications for industrial Users

Table of Content

1.	EXECUTIVE SUMMARY
2.	OBJECTIVES AND SCOPE OF INVESTIGATION
3.	GALILEO CONSORTIUM
4	INTERNATIONAL COOPERATION
4.1	China
4.2	Israel
4.3	Ukrain
4.4	India
5.	GALILEO SERVICE STRUCTURES
6.	GALILEO FEATURES AS COMPARED TO GPS AND GLONASS
6.1	Orbit of satellites
6.2	Multi-frequency broadcasting
6.3	Signal integrity and quality guaranties
6.4	Communication channels
6.5	Civil character of Galieo
6.6	Accuracies in cm-range
7	INDUSTRIAL APPLICATIONS
7.1	Construction industry
7.2	Health care biomedical industries
7.3	Commercial transportation (aircrafts, rail, ship and truck fleets)
7.4.	Individual automobile guidance and information systems
7.5	Location of people
7.6.	Weather and environment dependent alerts
8.	INTEGRATION WITH GPS, GLONASS AND MSAS
9.	MAJOR INDUSTRIAL PLAYERS IN EUROPE
10.	CENTERS OF TECHNOLOGICAL EXCELLENCE IN EUROPE
11.	CONCLUSIONS
12.	REFERENCES

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