

Web site: www.ssf.fi

SSF's innovative NAVIndoor solution is a versatile system that extends the usage of satellite based positioning methods into environments where the GPS signal coverage is either weak or not at all available. These environments include urban and indoor areas where consumers spend 95% of their time, as well as large industrial facilities. The Navindoor enables high accuracy navigation and location detection solutions indoors and e.g. in warehouses, urban street canyons, public buildings etc. which have been out of reach for the GPS system so far.

The NAVIndoor consists of a number of pseudolites (pseudo satellites) that provide the navigation signal, a control unit for system configuration and maintenance, and portable receivers to be used to gain the location information. There are no technological limitations for the number of receivers. The same signal generation system can easily, without any reinstallations, serve a scalable number of end-users. Neither are there any limitations on the number of applications using the location information – the receivers can be attached to different user terminals / end-devices, and the location information is delivered in a standard format and can thus be utilized by several different applications built on different platforms.

Space Systems Finland has specialised on development of real-time software, scientific software and navigation solutions for demanding applications.

NAVIndoor gives you the possibility to extend high accuracy positioning services into environments where normal satellite based navigation is not possible!

