

±1 m



ascos NET

The innovative Internet broadcasting service for mobile real-time applications in the ±1 m range.



Broadcasting service via the Internet.

With its innovative broadcasting technology **ascos** NET provides GPS and GLONASS correction data in real-time in the one metre range everywhere in Germany. Correction data are made available to GNSS receivers in the RTCM standard NTRIP (Networked Transport of RTCM via Internet Protocol). NTRIP functions similar to the various streaming services offered on the Internet (e. g. Internet radio).

ascos NET completes the **ascos** real-time series of products which together satisfy all demands for accuracy from a few centimetres to larger than one metre. Whereas the precise real-time correction service (**ascos** PED) is designed for use with geodetic dual frequency receivers, **ascos** NET opens the market for low-cost single frequency receivers. Real-time correction data in the one metre range is especially relevant for GIS applications, as well as in agriculture and forestry. The potential of modern single frequency receivers for accuracy can be fully exploited with **ascos** NET and the real-time service **ascos** ED. Modern broadcasting technology enables simultaneous usage of the **ascos** services by multiple users.

Your rover can access **ascos** NET by entering an IP address. When logged in with your user name and password you have immediate access to **ascos** NET correction data. **ascos** NET real-time correction data are supported by 19 reference stations across Germany. The NTRIP client requires mobile Internet access with GPRS or UMTS. We only bill the data volume transmitted, helping cut cus-

tomers operating expenses. Modern GNSS rovers are supplied with an NTRIP client already installed.

We will be pleased to answer your request! – For free calls from Germany please dial our service number +49 (0) 800 11 27 267.

Your **ascos** team

An overview of ascos services		
		Measurement accuracy
PED	Dual frequency receivers	±2 cm
ED	Singel frequency receivers	±30 to ±50 cm
NET	Broadcast service via the Internet	±1 m
net4free	Free broadcast service	>1 m
ViPP	Virtual RINEX via the Internet	<1 cm
Trans	Real time transformation	

ascos – satellite positioning services

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certified according ISO 9001:2000