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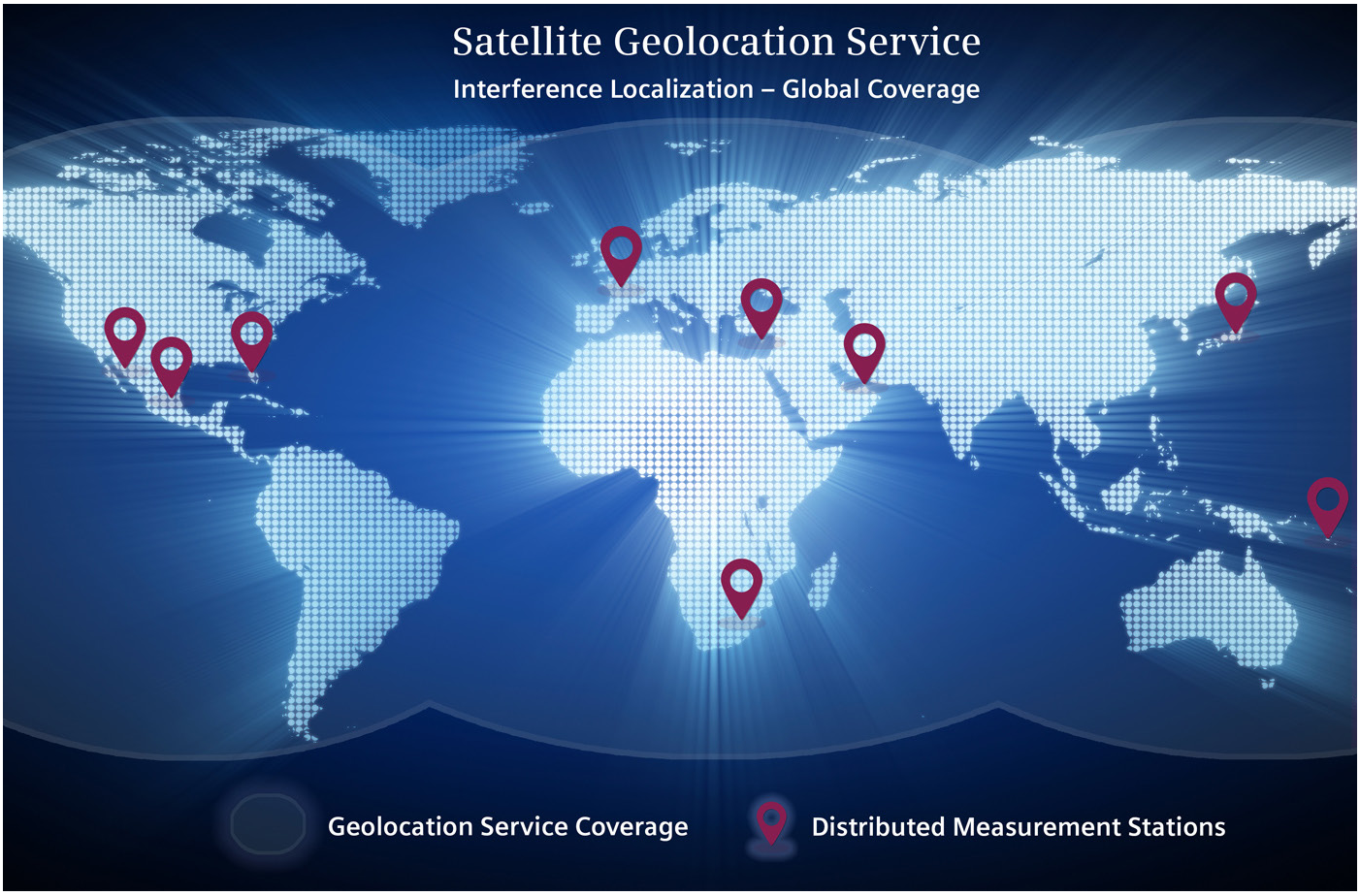
Satellite Geolocation Service launched by Siemens Convergence Creators

Enabling satellite operators and service providers to tackle satellite interference with no upfront investment or operational costs

[Vienna, January 9, 2017]: Global solution and service provider Siemens Convergence Creators announced today that a novel offering for the satellite communication industry goes into operation. Its new Satellite Geolocation Service allows satellite and service operators to localize satellite signal interference worldwide, with extraordinarily high success rates, and with no upfront infrastructure or personnel costs.

When satellite interference occurs, it can be devastating to end-users, whether in homes, businesses, or governments, because it undermines the integrity of satellite communication and compromises the most important feature of communication satellites: secure and reliable communication that is independent of the constraints of ground-based data highways. For satellite operators, the ability to rapidly identify and mitigate interference – intentional or not – is crucial to protecting the core functionality of their most valuable assets and to ensuring flawless satellite service operations.



Siemens Convergence Creators' Satellite Geolocation Service reaches unprecedented coverage and success rates in identifying satellite interference sources

As one of the global market leaders for satellite interference localization solutions, Siemens Convergence Creators has made significant investments towards the development of uniquely potent tools for satellite interference mitigation in the last decade within the framework of its SIECAMS® product. This has made SIECAMS® by Siemens Convergence Creators the most complete and effective toolbox for satellite operators facing interference today: SIECAMS® currently comprises the powerful carrier-monitoring and interference-detection tool SIECAMS® CMS, the carrier-ID detection tool SIECAMS® CID, the classic geolocation system SIECAMS® ILS, and the first working single-satellite geolocation system [1], SIECAMS® ILS ONE.

Until now, satellite operators had to invest in high-quality geolocation tools and personnel training to enable their own staff to identify, locate and reduce or eliminate sources of interference in order to avoid potential damage claims and the risk of losing customers. Even so, locating the origin of an interference may take days, weeks or even months. However, the chance of success increases dramatically with the availability of the latest tools and correspondingly trained staff.

With Siemens Convergence Creators' new Satellite Geolocation Service, operators now have the entire SIECAMS® toolbox for interference localization, as well as highly skilled and trained personnel at their disposal. Because the Service is provided and operated by Siemens Convergence Creators, all the benefits are available with no need for upfront investments in and operating costs for infrastructure and staff. Customers confronted with interference just need to provide very basic information about the affected satellite and transponders to initiate the Satellite Geolocation Service.

The localization of satellite interference works worldwide, because Siemens Convergence Creators' Satellite Geolocation Service offers coverage of practically the entire inhabited landmass on Earth.

In addition, the Service's support of frequency bands is unparalleled, including L-band, S-band, Ku-band, and even Ka-band [2].

What makes it stand out even more is the inclusion of the unique single-satellite geolocation system SIECAMS® ILS ONE which boosts localization success rates to over 60 percent, compared with a hit rate of 30 to 40 percent using conventional satellite interference localization systems.

This is what makes the Satellite Geolocation Service the most successful offering in the market – and the global technology leader in interference localization.

Hans Martin Steiner, Head of Space Business Unit, Siemens Convergence Creators: "With our new Satellite Geolocation Service, satellite and service operators of all sizes can take advantage of the latest comprehensive satellite interference localization technology. Making available the immediate benefits of our complete SIECAMS toolset without the necessity to significantly invest into infrastructure and personnel first is another essential step in our quest to minimize the impact of satellite interference worldwide."

The Satellite Geolocation Service goes into operation on 9 Jan 2017 and can be ordered on demand for individual interference events, or via yearly subscription that includes a contingent of interference localization instances. Orders placed before 1 June 2017 will be granted a 30 percent discount off the regular price.
By contacting the Satellite Geolocation Service team at siecams-sgs.at@siemens-convergence.com, customers will promptly receive details on pricing, order placement and execution procedures.

About Siemens Convergence Creators

Siemens Convergence Creators GmbH, headquartered in Vienna, provides its customers with innovative products, turnkey solutions, and services in the fields of communication networks, service and customer management, public safety and security, multimedia infotainment, and space technology.

Among its most important customers are top players in their respective industrial sectors: telecommunications, media (TV, publishing houses), transportation (railways, aircraft manufacturers, airlines and airports), space, public safety (action forces), and energy (wind power, oil and gas).

Siemens Convergence Creators' presence in emerging and mature markets like Central and Eastern Europe, Germany, the U.S., India, and China, together along with its powerful network of partners, offers a strong basis for activities all over the world.

For more information about Siemens Convergence Creators, please visit www.convergence-creators.siemens.com

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