The Modernized Navstar Security Algorithm, or MNSA, introduces updated cryptography to the GPS signal for the generation of M-code, which is being rolled out as part of the modernization of the current GPS constellation. GPS Modernization began in 2000 when the Selective Availability (SA) feature was set to zero.

Since 1985 Spirent has played a leading role in the evolution of global navigation satellite systems. From the early days of signal generation Spirent has a rich history of innovation that continues with SimMNSA. For more information contact your Spirent sales representative or visit https://www.spirentfederal.com/gps/products/simmnsa/

SALES AND INFORMATION

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*SimMNSA has been granted Security Approval by the Global Positioning Systems Directorate*
SimMNSA and the GSS9000

SimMNSA will be offered as an upgrade to the GSS9000 series of simulators. Authorized users will be able to utilize the new M-Code solution in the world’s most flexible and scalable GPS/GNSS simulator, the GSS9000.

The GSS9000 Multi-Frequency, Multi-GNSS RF Constellation Simulator sets a new standard of excellence in GPS/GNSS RF simulation and performance testing. The GSS9000 is completely future proof, and is continually being developed to be at the forefront of simulation new GPS/GNSS signals as they become available.