



FOR IMMEDIATE RELEASE:

The Improved TSDF Calculator

NCS is pleased to announce the launch of the Improved TSDF Calculator (iTC). Developed in response to operational requirements, iTC is a stand-alone software solution that quickly and accurately calculates potential Time Slot Duty Factor (TSDF) according to national Frequency Clearance Agreements (FCA), platform capabilities, and operational usage.

Problem

Calculating TSDF for operational networks involves hundreds even thousands of calculations, making manually TSDF calculations unrealistic for daily operations. The problem is that network design tools calculate TSDF differently, and no existing system calculates TSDF in accordance with ADatP-33. Until now, frequency managers had to assume that the pulse density calculations provided by network design tool were accurate and in accordance with the FCA.

Solution

Develop a low-cost system that focuses on the potential TSDF related requirements of network planners, network designers, frequency managers, and Civil Aviation Authorities. Using iTC, users can accurately determine potential pulse density calculations with two clicks. iTC supports both NATO and US TSDF calculation procedures and may be modified to support unique national requirements. iTC generates the most comprehensive pulse density summary report available, providing users a holistic understanding of potential JTIDS / MIDS spectrum usage.

Additional Benefits

When operational networks are not used to their full capacity (e.g. network supports 50 units but only 10 will participate), operators can easily modify TSDF calculations based on this information. Further, if a participant is assigned a network load that contains Link 16 capabilities that the platform does not support (e.g. imagery), the operator can recalculate potential TSDF with the click of a button.

Easy Integration

Developing a TSDF calculator that is user-friendly, accurate, and flexible is not a quick, easy, or inexpensive process. iTC seamlessly integrates into existing systems, which means companies can provide enhanced system capabilities to their customers at minimal expense.

For more information about the Improved TSDF Calculator, visit our website (www.network-centric.com) or email director@network-centric.com. iTC will be demonstrated at IDLS 2012 in Athens, Greece, 17-19 October. Come by our booth and have a look.