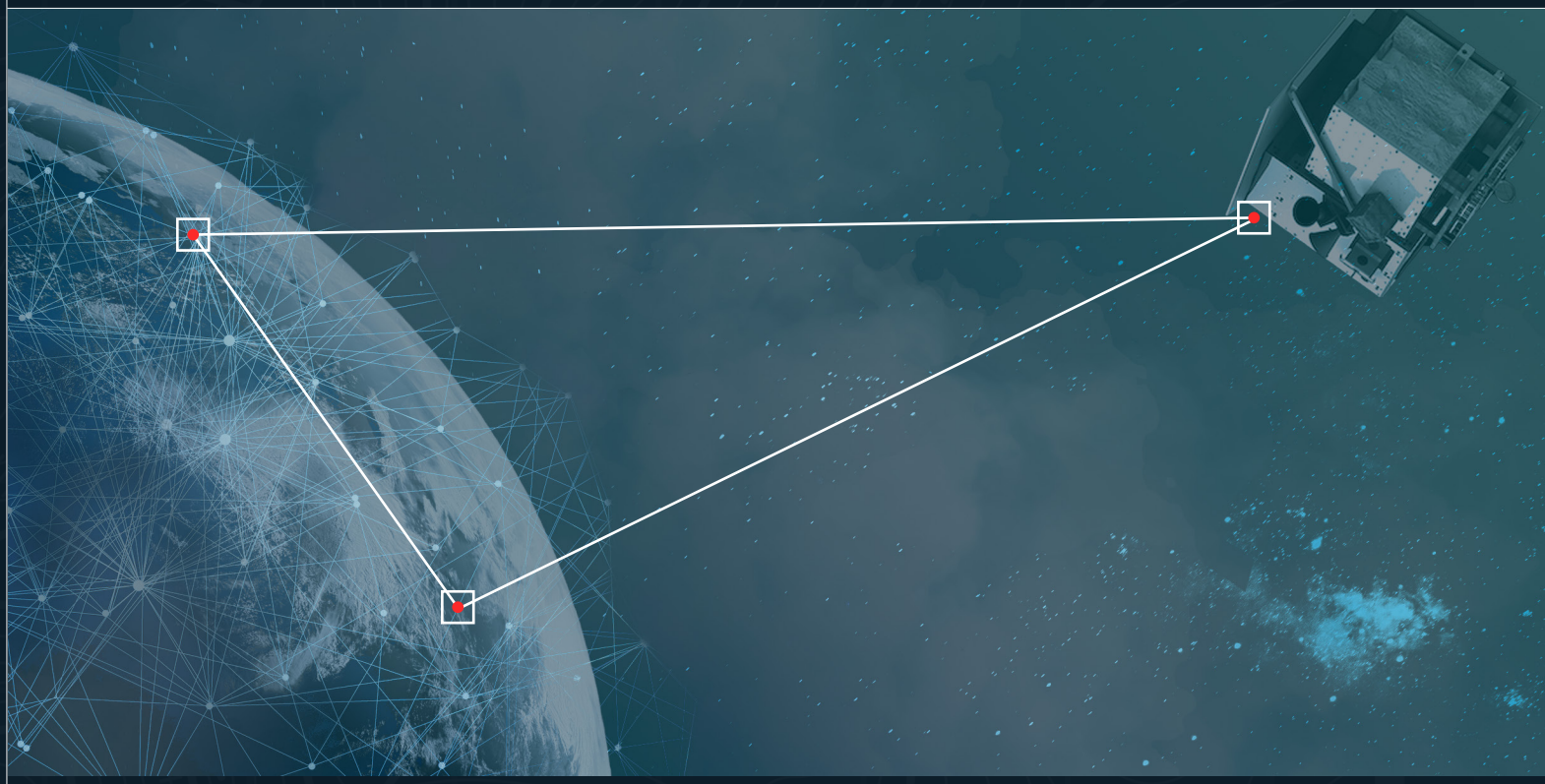
The Industry Leader in Autonomous Space Solutions

SCIENTIFIC SYSTEMS



Our mission management software provides advanced capabilities for teams of space vehicles, ground stations and other unmanned assets to navigate, collaborate, and orchestrate at warp speed across multiple domains.

NAVIGATE, COLLABORATE, AND ORCHESTRATE AT WARP SPEED

Navigate

We are creating self-contained, modular solutions to enable servicing satellites to navigate to client satellites safely.

Collaborate

We are building and testing proven software – that runs on the spacecraft – that facilitates teams of satellites to autonomously collect, process and share information, collaborating together to accomplish a mission goal.

Orchestrate

With many possible missions occurring concurrently, thousands of possible satellites and other domain resources available to help fulfill those missions – our software takes on the complex task of orchestrating these resources to ensure the missions are being accomplished swiftly and efficiently.

Experienced, Trusted, Multi-Domain Autonomy Experts

SCIENTIFIC SYSTEMS

Scientific Systems has been at the forefront of developing autonomy for more than 15 years, having secured greater than 100 autonomy-related contracts since 2015 alone, across the space, air, ground, and maritime domains. By creating new software-powered solutions enabled by artificial intelligence, the company is solving space challenges.

RECENT SPACE WORK

By creating new software-powered solutions enabled by artificial intelligence, the company is solving space challenges.

POET: We conducted demonstrations of packing, deploying, and running on-orbit software applications in Docker containers, for the Space Development Agency (SDA.) Pushing this capability on-orbit provides a major toolchain improvement for the deployment of space-based edge-processing apps.

BMC3: We are a major teammate with SAIC to develop, implement and maintain the Battle Management Command, Control and Communications (BMC3) Application Factory and Secure Interoperability Layer (SIL) for the Space Development Agency's (SDA) constellation of low-earth orbit satellites called the Proliferated Warfighter Space Architecture (PWSA).

ARTIST: We demonstrated autonomous, peer-to-peer, collaboration and orchestration of commercial satellites and uncrewed aerial systems (UAS), to include closed-loop control of all associated multidomain sensors, and exploitation services, for the U.S. Army RCCTO.

US-RIPTIDE: Our vision-based solution, for US-RIPTIDE (Unknown Satellite Realtime Inspection, Pose, Tracking and IDEntification,) focuses on enabling In-space Service Assembly and Manufacturing (ISAM) capabilities, under the SpaceWERX Orbital Prime Program.

CONTACT US

INFO@SSCI.COM
(781) 933-5355