

GET INVOLVED

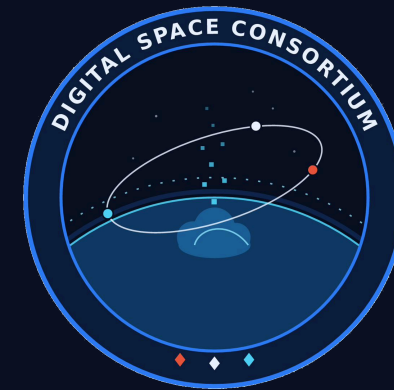
Join us in defining the standard.

Participation is open to end users, satellite integrators, government agencies, developers, and service and application vendors. Reach us through the contact form on our website, and request the Consortium Agreement and the Accession and Participation Form.



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Digital Space Consortium

Open, royalty-free APIs for cloud-native onboard information processing.

ESTABLISHED IN LONDON, JULY 21, 2026 BY



Meet the Founding Members at the Small Satellite Conference, Salt Lake City, August 23 to 26, 2026.

DSI Specifications are published under the Apache License 2.0. Admission of Consortium Participants is subject to Steering Committee approval.

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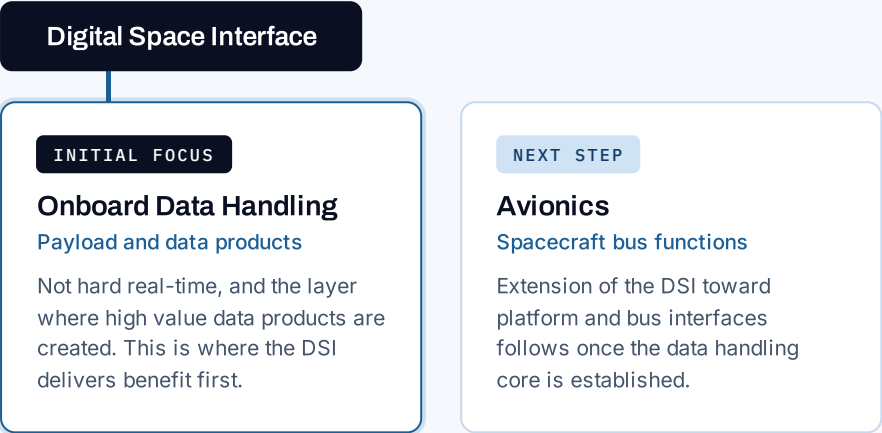
WHY THE DSC EXISTS

Space assets that work like the cloud

Satellites collect far more data than they can send to the ground, and every mission still rebuilds its onboard software from scratch. The Digital Space Consortium was established to change that, by erasing the digital boundaries between Space and Earth.

The **Digital Space Interface (DSI)** is a set of open, royalty-free APIs, published under the Apache License 2.0, that lets onboard computers run applications and deliver data products the same way terrestrial clouds do. Anyone may implement the DSI Specifications in hardware, middleware, operating systems, and applications.

WHAT THE DSI COVERS



DSI ROADMAP

From survey to reference kit

- 01 State of the art survey**
A published survey of current onboard processing interfaces and practice.
- 02 Core standard proposal**
The initial core standard proposal, DSI 0.1, shaped with early participants.
- 03 SDK development**
A software development kit for building applications against the DSI.
- 04 Reference kit**
A reference kit for validating implementations across compliant platforms.

PARTICIPATION CATEGORIES

Principal Member	Lead Working Groups and shape the DSI Specifications.
General Member	Participate in Working Groups and contribute technical proposals.
DSI Adopter	Implement the published DSI Specifications and access adopter materials.

EARLY PARTICIPATION OFFER

Participation as a DSI Adopter is free of charge for the first year, sponsored by Mitsubishi Electric Corporation.

Fee schedules for later periods, if any, are set in accordance with the Consortium Agreement and apply only where expressly agreed in writing.