

Goal of CCSDS

ESTABLISH A WORLD-WIDE, OPEN, CCSDS-COMPATIBLE VIRTUAL SPACE DATA SYSTEM FOR INTERNATIONAL CROSS SUPPORT, INTEROPERABILITY, AND SCIENCE INFORMATION INTERCHANGE

Benefits of CCSDS

PROMOTES UNDERSTANDING OF EXCHANGED DATA

REDUCES NONRECURRING COSTS

- fewer project-unique developments
- shorter system test periods
- less training/retraining of personnel

REDUCES RECURRING COSTS

- more commercial-off-the-shelf hardware
- fewer facilities because of load leveling
- only selected system redundancy
- more automation

REDUCES MISSION RISK

ENABLES INGEST/ACCESS TO LONG-TERM DATA ARCHIVES

CCSDS and ISO

CCSDS Recommendations are routinely submitted to the International Standards Organization (ISO) through ISO Technical Committee 20 (TC 20 Aircraft and space vehicles)/Subcommittee 13 (SC 13 Space data and information transfer systems). Many CCSDS Recommendations have already been adopted as international standards, and many others are currently in the review process leading to adoption by ISO.

Information published by the CCSDS is available on the Web at:

<http://www.ccsds.org/>

Inquiries concerning the CCSDS, and requests for CCSDS publications, should be directed to

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AN INTRODUCTION TO



Consultative Committee for Space Data Systems

AN INTERNATIONAL ORGANIZATION OF SPACE AGENCIES COOPERATING IN THE DEVELOPMENT OF DATA STANDARDS TO PROMOTE INTERCHANGE OF SPACE-RELATED INFORMATION