



AMMOS-PDS Pipeline Service (APPS)

A Software Suite for Archiving Mission Data

What is the problem?

Missions need an efficient and cost-effective solution for archiving their data into the PDS.

What is the solution?

An easy-to-install, easy-to-operate PDS4 label builder and PDS4 archive pipeline.

Who are our customers?

- Missions required to archive their data with the PDS.
- Planetary Data Archiving, Restoration, and Tools (PDART) proposers.
- Missions converting PDS3 datasets to PDS4.

What capabilities are on offer?

- Easy to use GUI and web based tool for building valid PDS4 metadata label templates.
- Automated batch generation of PDS4 compliant products.
- Automated PDS4 bundle generation.

What is included?

- PDS Label Assistant for Interactive Design tool.
- Standards (BPMN) based workflow for product transformation, validation, reporting, and PDS4 bundle generation.
- Workflow adaptation to fit various mission scenarios.



AMMOS – Advanced Multimission Operations System, a NASA-sponsored set of products and services for mission operations systems

BPMN – Business Process Model and Notation

PDS – Planetary Data System

For more information and access to the AMMOS catalog –
<https://ammos.nasa.gov>

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