Challenges of migration from in-house catalog of satellite imagery to the SpatioTemporal Asset Catalog (STAC)

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Since the STAC is a relatively new standard, the software ecosystem around it is not very mature (but keeps evolving rapidly) with some frictions expected. Our company is in the middle of migration from an in-house catalog of satellite imagery that has been used for the past few years to the catalog with STAC compliant API. We would like to share some challenges we faced during the migration and reveal possible solutions to overcome them.