2 Purpose, Software, Process

AVM maintains SFO interior floor plan drawings as AutoCAD DWGs with standard AutoCAD A-AREA and A-DOOR layers that include object data. IIM and AVM have agreed to store the areas and doors in the airport's GIS, using the ArcGIS for AutoCAD extension ("ArcGIS extension") to edit those specific layers. The Extract Transfer Load (ETL) tool automates the process of converting CAD/GIS data from AVM to IIM utilizing Safe Software's FME along with providing geometry checks and fixes to maintain correct, current, and accurate A-Area data for SFO.