



An experimentally-validated multi-scale materials, process and device modelling & design platform enabling non-expert access to open innovation in the Organic and Large Area Electronics Industry (MUSICODE)

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1. Executive summary

A central component of the MUSICODE Open Innovation Platform is the Data Management System (DMS). The DMS allows to store any sort of data with full traceability and according to the best practices in data management. The MUSICODE DMS is implemented using Ansys Granta MI, a world leading materials data management system which has been configured to fulfil the needs of the project and to capture all key material, process, and device data, models, workflows, and metadata.

This document presents the alpha release of the DMS, which is intended to provide the initial working setup for the MUSICODE project. It summarizes the developments done to support the successful project operation, i.e., the design and development of the DMS schema and the system implementation on dedicated server so to be accessible by partners. The system is currently operating, being tested, and will be continuously improved following an iterative approach until final release.