

Energistics CTA v2.3 Release Notes

CTA Overview	<p>The Energistics Common Technical Architecture (CTA) is a set of technology, standards, and best practices that provides a common foundation of shared resources for use across Energistics domain standards: RESQML, WITSML, and PRODML</p> <p>The CTA is composed of Energistics <i>common</i> (EML), the set of data objects shared by all of the domain standards as well as other technologies and specifications adopted and/or developed by Energistics. For the complete list of CTA resources, see <i>Download_Package_READ_ME.pdf</i>.</p> <p>For more information, see the <i>Energistics CTA Overview Guide v2.3</i>.</p>
Version of Document	1.0
Date published	May 16, 2022
Prepared by	Energistics
Abstract	This document contains release notes for the CTA components associated with Energistics <i>common</i> v2.3.
Document type	Release notes
Language	U.S. English



Usage, Intellectual Property Rights, and Copyright

This document was developed using the Energistics Standards Procedures. These procedures help implement Energistics' requirements for consensus building and openness. Questions concerning the meaning of the contents of this document or comments about the standards procedures may be sent to Energistics at info@energistics.org.

The material described in this document was developed by and is the intellectual property of Energistics. Energistics develops material for open, public use so that the material is accessible and can be of maximum value to everyone.

Use of the material in this document is governed by the Energistics Intellectual Property Policy document and the Product Licensing Agreement, both of which can be found on the Energistics website, <https://www.energistics.org/legal-page/>.

All Energistics published materials are freely available for public comment and use. Anyone may copy and share the materials but must always acknowledge Energistics as the source. No one may restrict use or dissemination of Energistics materials in any way.

Trademarks

Energistics®, Adopt>Advance>Accelerate®, Energistics Certified Product® and their logos are registered trademarks and WITSML™, PRODML™, RESQML™ are trademarks or registered trademarks of Energistics Consortium, Inc. in the United States. Access, receipt, and/or use of these documents and all Energistics materials are generally available to the public and are specifically governed by the Energistics Product Licensing Agreement (<http://www.energistics.org/product-license-agreement>).

Other company, product, or service names may be trademarks or service marks of others.

Table of Contents

Table of Contents.....	3
1 List of Changes	4

1 List of Changes

This change list is organized according to the Jira tickets that were used to organize and do the work. Significant changes to identification of Energistics data objects and dataspace (URI format) which are defined in the *Energistics Identifier Specification v5.0*. RECOMMENDATION: Read this document. It describes the syntax and semantics of data object and dataspace identifiers as used within the Energistics family of data transfer standards and the Energistics Transfer Protocol (ETP).

- Changes to data object reference (DOR) and added a new data object component reference (DOCR), both of which are described in the *Energistics Identifier Specification v5.0*.
- Changes to identification and DORs resulted in changes to the Energistics Packaging Conventions; for more information see *EPC Specification v1.2*.
- The spatial location objects (CRS and datums) have been completely redesigned (see Chapter 4 of the *Energistics CTA Overview Guide v2.3RC*).
 - Use of OpenGIS® Geography Markup Language Encoding Standard (GML) is no longer supported.
- Many data objects have been "promoted" from an Energistics domain standard to Energistics *common*, so that it may be used by any of the domain standards. These include: Aggregate, Attachment, Business Associate,
- New data objects: Collections, Column-Based Tables
- The Property model design has been updated and the content refreshed, based on Practical Well Log Standard v3.0 and other changes to move objects/functionality from RESQML to *common*.
- OSDU Integration. As one of the first "non-oil-company" members of OSDU, Energistics and its members have been working with the OSDU Forum to ensure that Energistics standards are best leveraged in the OSDU standard and data platform. Additionally, with the current release of the Energistics standards, much work has been done to accommodate the OSDU data model in Energistics standards. For example, in cases where it made sense, elements and attributes in the OSDU model have been added to existing Energistics data objects. In cases where no appropriate Energistics data object existed, data objects named something like "OSDU Integration" have been added.