What's new?

- The November 2020 release has been endorsed by the IATA Cargo Operations & Technology Board (COTB). The revised standard is published on GitHub and can be accessed [here](#).

- IATA published the [ONE Record Implementation Playbook](#) which provides a step-by-step guidance to implement the ONE Record standard. The document has been designed as a pointer to various resources made available by IATA, either the standard components or additional pieces of information/guidance materials.

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**Standard development**

**DATA MODEL**
- Improved the model for Shipper’s Declaration for Dangerous Goods, ULD Tracking, Cargo Distribution and Shipper’s Letter of Instructions;
- Extended the model to Live Animals Regulation and CITES ePermit, Pharmaceutical product requirements, IoT devices and sensors;
- Created a new guidance document ([Data Model Scope Extension](#)) describing how the scope of the data model has been extended, including a mapping with the Air Waybill requirements.

**API & SECURITY**
- Finalized the ONE Record Security PoC with our partner WISeKey. Specifications, certificate policy document and IATA Credentials Management System user guide are now available on [GitHub](#);
- Enriched the ONE Record API specifications with new topics such as Data Model and API versioning;
- The versioning methodology will ensure backwards compatibility between the different versions for the ontology and the API.

**PILOT PROJECTS**
- 2020 started off very slowly for the pilots due to the pandemic, however the year finished with 10 use cases and 49 companies officially participating with ONE Record, and 21 more in the pipeline (being onboarded);
- The [Multilateral Data Agreement (MDA)](#) was released and has been signed by a handful of companies, evaluating the possibility of becoming a RP adopted by the CSC in 2021;
- A dedicated bootcamp will be planned in Q1 2021 to onboard the (new) pilots and to incorporate the Interactive Cargo pilots enabling to test the new data model elements of 2021.

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**Events**

- In November 2020, Andra Blaj participated to the 19th International Semantic Web Conference (ISWC) to present our paper “ONE Record: One Step Closer to Digital Cargo with Ontologies and Linked Data”. This event is the premier venue for presenting fundamental research, innovative technology, and applications concerning semantics, data, and the Web.

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**Knowledge**

- Deep dive into the ONE Record concepts with our ONE Record Insights, including technical, data, pilot and project subjects
- Don’t miss our series of three white papers: the first issue is dedicated to the data model. API and Security are next!
- All our publications [Discover](#)

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[www.iata.org/one-record](http://www.iata.org/one-record)