

Standard Data Models and Elements Drafting Group

Objective

Good Health Pass compliant implementations must collect, process, and transmit a standard set of data elements.

Terms of Reference

As with passports and payment cards, fully interoperable digital health pass systems need a **common data model**, specifying standard data elements and supported by specific **data schemas** in specific implementations. Work in this area is currently ongoing across several cross-industry efforts.

One such effort is the Linux Foundation Public Health (LFPH) COVID-19 Credentials Initiative (CCI), which has established a task force to develop **schema specifications, Codes of Practice, technical guidelines, JavaScript Object Notation (JSON) code**, and related components. This includes the [eHealth Network's Vaccination Proof Interoperability Guidelines](#).

The CCI task force is also seeking to collaborate with others in this space, including the [CDC](#), the [W3C Credentials Community Group](#), the EU vaccination group, [C4 Credentials](#), [IATA](#), [ICAO](#), public health authorities, private health vendors and consortiums, electronic health record (EHR) providers, the [UK National Health Service](#), pharma companies, major pharmacy chains (US), the FHIR Focus Group at the [ToIP Foundation](#), and the [Vaccination Credentials Initiative](#) (VCI).

One example of a data model that enables efficient information exchange across diverse public and private organizations is the U.S. National Information Exchange Model (NIEM). NIEM provides [rules and methodologies](#) around the use of the model as well as a standardized [Information Exchange Development Lifecycle](#) that can be reused by everyone. NIEM also offers [governance, training, tools](#), technical assistance, and an [engaged community](#) to support users and organizations in adopting NIEM.

To emphasize, this is just one example of the kind of approach that the Good Health Pass Collaborative could take to accommodate data requirements of different countries and jurisdictions around the world.

Responsibilities and Deliverables

Key Interoperability Questions ([from GHPC Blueprint Outline v2](#))

1. What are the minimal **required** elements for Good Health Pass schemas?
2. What are the **optional**, country-specific elements for Good Health Pass schemas?
3. Is there a data model that will enable both interoperability and adaptability of data elements to different implementations, jurisdictions, and governance authorities?
4. How does the data model support identity binding (e.g., describing levels of assurance)? (See Challenge #8)

Chairs/Conveners

- Co-Chair: Brian Plew (Thermo Fisher)
- Co-Chair: Paul Knowles (Human Colossus Foundation)
- Project Manager: Rebecca Distler (ID2020)

Members

Only members of the Trust Over IP Foundation who have signed the necessary agreements and charters are permitted to participate in this Drafting Group and contribute to its deliverables.

Please add your name to the list below to indicate you have joined the Drafting Group:

- TBC

Meeting Schedule

The Drafting Group conducts twice-daily stand-ups (15 minutes each) at 7:00AM PT / 2:00PM UTC and 5:00PM PT / 12:00AM UTC

The Drafting Group also holds a working meeting (1 hour) on Mondays at 12:00 PM / 7:00PM UTC

Meeting Page

Please find agendas, presentations, notes and recordings for all Drafting Group meetings [HERE](#).

Communications

The Slack channel for this Drafting Group ([trustoverip.slack.com](#)) is #ghp-wg-data-standards