

<https://datatracker.ietf.org/doc/draft-zundel-spice-glue-id/>

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IETF 120 - Vancouver

* Examples in this presentation use public information discovered via internet available tools.

This identifier has an implicit context



54-1650477

This identifier has an implicit context



54-1650477



What is it?

54-1650477

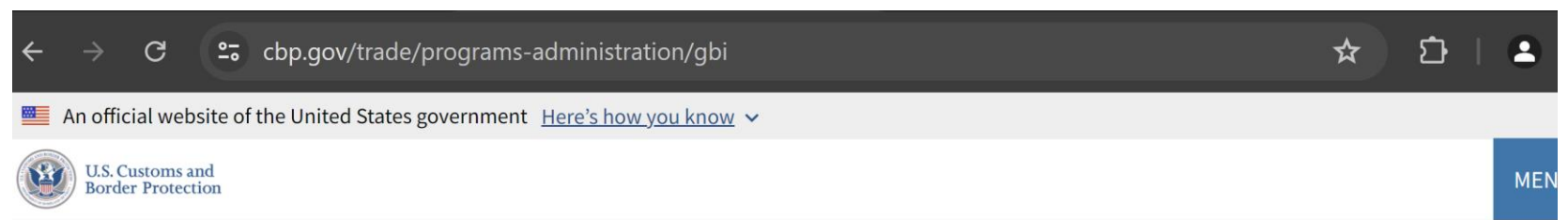


How can we make that number traceable across years, jurisdictions, or corporate upheavals?

Examples of Need

US Customs & Border Patrol (GBI)

<https://www.cbp.gov/trade/programs-administration/gbi>



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Trade

+

Global Business Identifier Test



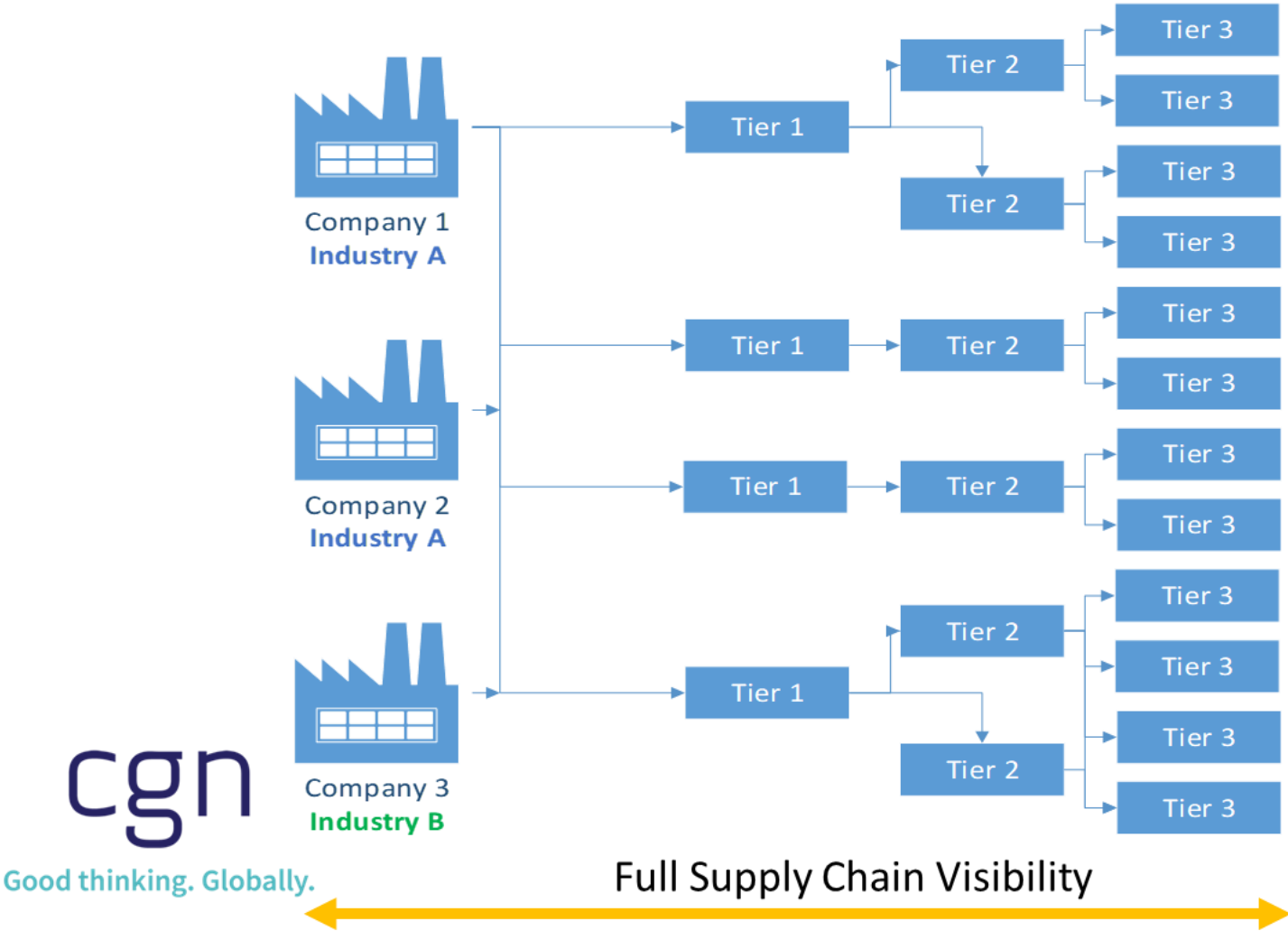
Under the test, the trade can voluntarily submit one or more of the following three identifiers for certain party types on an entry (manufacturer, shipper, seller, exporter, distributor and packager):

1. [The Global Location Number \(GLN\) from GS1](#)
2. [The Data Universal Numbering System \(DUNS\) from Dun & Bradstreet \(D&B\)](#).
3. [The Legal Entity Identifier \(LEI\) from the Global Legal Entity Identifier Foundation \(GLEIF\)](#).

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N-Tier Supply Chain

Supply Chain Tier Mapping



Inputs to Corporate Identity Verification & Accountability

MIDNIGHT WEBSTORE

CONSENT RECEIPT
20.03.2018 23:59:01 GMT+0

LANGUAGE: ENGLISH
METHOD OF COLLECTION: WEB FORM
DATA COLLECTED: YOUR CONTACT INFORMATION
PURPOSE: DELIVERY OF YOUR ORDER
CONSENT RECEIPT #: MWS7555212890034

YOUR ID: **MIKE MOORE**

ISSUED BY: **MIDNIGHT WEBSTORE INC.**
PRIVACY CONTACT: ANA CLARKSON, CHIEF
PRIVACY OFFICER
CONTACT DETAILS: TWELFTH STREET 250, NEW
CITY, UNITED KINGDOM (44)81625784564
ANA@MIDNIGHT.STORE HTTPS://
MIDNIGHT.STORE/CONTACT/
PRIVACY POLICY: HTTPS://MIDNIGHT.STORE/
PRIVACY/

Source: <https://www.ubisecure.com/data-protection/what-is-consent-receipt/>

Receipt and
transaction
information

Individual's details

Organisation's
details

X Help Center

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Source: the site formerly known as Twitter

Proposed solution

scheme identifier

authority identifier

external number

glue:irs-ein.54-1650477

The diagram illustrates the structure of the URI 'glue:irs-ein.54-1650477'. Three blue arrows point from labels above to the corresponding parts of the URI: 'glue' is the scheme identifier, 'irs-ein' is the authority identifier, and '54-1650477' is the external number.

What context can the Glue ID lead to?

Showing 1-8 results of 8

EIN	Organization Name	City	State	Country	Database
54-1650477	Internet Society	Reston	Virginia	United States	Pub 78 Data Copies of Returns
11-3461318	Internet Society Chapter of the Greater Nyc Metro Area	New York	New York	United States	Pub 78 Data Form 990-N Copies of Returns
82-3285688	Internet Society Foundation	Reston	Virginia	United States	Pub 78 Data Determination Letters Copies of Returns
84-3055246	INTERNET SOCIETY- ISOC ILLINOIS CHAPTER	Park Forest	Illinois	United States	Determination Letters Auto-Revocation List
93-4535055	Internet Society of Los Angeles and Southern California	Los Angeles	California	United States	Pub 78 Data Determination Letters

What is a Glue ID

A representation format that adds explicit authority context to a business identifier

- This representation would work best for identifiers with the following qualities
 - Indicative of a business relationship with an accountable authority
 - Created for the purposes of traceability
 - Durable through or beyond business change/cessation

Current intended scope for this draft

In Scope

- Registration of the glue scheme
- Mechanism for registering an authority
- Considerations for durable traceability
- Considerations for inclusion of authorities in registry

Out of Scope

- How or where the identifier is used
- Binding identifiers to keys
- Authenticating the claimed identifier in any way
- Policing the registration of authorities beyond basic disambiguation