

## IANA-Registration of a URN-Namespace

Namespace Identifier: asys

Version: 1

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### Purpose:

1. Resources:  
We operate globally as a software-vendor in the pharmaceutical context. This is why the resources that should be identified are medications.
2. Scope & Applicability:  
The URN will be used by the pharmaceutical industry. User groups include producers, third party logistics and authorities in and outside the European Union. The URN will be used in private networks
3. Benefits:  
The community will benefit in a way that the complete supply chain, including all flow of information can be mapped using our URN. Thus, the flow of goods and information becomes completely transparent to producers and authorities so that counterfeit medicines become hard to exist.
4. Complements:  
Our URN builds upon the Core Business Vocabulary provided by the EPCIS. It creates additional bizsteps, dispositions and biztransactions so that the flow of goods and information can be documented according to the specific requirements of the pharmaceutical industry. Thus far, the CBV does not offer bizsteps for instance for customs clearance which needs to be reported to certain authorities which is why we wish to add those to our namespace.
5. Software Applications:  
Arvato CSDB, CSDB Track & Trace Repository and connected software applications
6. Resolution Services:
7. Standard:  
This URN is not intended to become a standard since it is used in a private network only.

Syntax: The vocabulary consists of additional bizsteps, dispositions and biztransactions of objects. These consist of alphanumeric name of unlimited length.  
The URN representation URN-ASYS of a bizstep, disposition and biztransaction conforms to the following syntax:

URN-ASYS = „urn:asys:epcis:bizstep:“ bizstep-name  
URN-ASYS = „urn:asys:epcis:disposition:“ disposition-name  
URN-ASYS = „urn:asys:epcis:biztransacion:“ biztransaction-name

Assignment: The assignment is done exclusively by Arvato Systems GmbH. Arvato Systems defines the names that can be used under its namespace and communicates them to all relevant parties.

Security and Privacy: Since the information that is provided using the URN name space is used in a private network, security and privacy are incumbent of the respective owner of the information. Moreover, for our new context, which we request the URN-namespace for, we are currently working on crypto codes/signatures to enhance the security level.

Interoperability: No potential issues are known.

Resolution: No resolution intended

Documentation: CSDB Track & Trace User Manual (WIP, we can provide it once it is finished)

Additional Information:

Revision Information: Description of changes from prior version(s).  
(Applicable only when earlier registrations have been revised.)