



Nice ID-GEN

Universal identification for global and interoperable traceability

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Traceability of objects and goods is increasingly required

and has even become a legal requirement for companies that must be able to monitor their own processes, e.g., food businesses. The increasing requirement is particularly the case in activities related to healthcare, where there are growing needs for traceability and interoperability in relation to the quality of patient care.

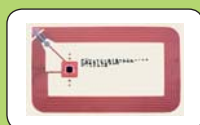
Traceability means the ability to identify the elements to track,

such as objects (including some of their basic characteristics like serial number, batch number, use-by date), locations, and care providers.

An easy and simple way to achieve the goal of interoperable traceability is the use of an existing standard like GS1 (GS1 is the new name of UCC in the U.S. or e.centre / EAN UK Ltd in the UK). The GS1 standard specifies rules for denominating various kinds of objects as well as some of their principal characteristics or attributes. The use of such a standard therefore guarantees the interoperability between the various partners involved.

Nice ID-GEN is a product that facilitates the generation of a GS1 code,

using a list of information such as type of object, batch number, and date. The code would, of course, be in compliance with ISO specifications for traceability. In addition, Nice ID-GEN enables the creation of a graphical representation of the code either as a GS1-128 barcode or RSS-14 + composite or as a two dimensional image (Data Matrix). A text version, suitable for being stored into RFID chips (Radio Frequency Identification), is also available.



- The identification enables the
- recognition of care providers
 - tagging of every object
 - control of the dispatching of products
 - control of dispensation of medications prepared by the pharmacy
- ...



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A Tool Configured to Your Organization's Specifications

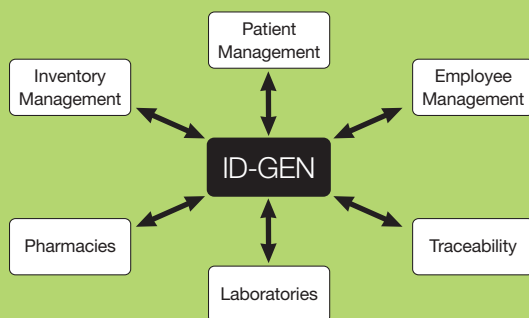
Software currently in use makes compliance with GS1 rules a cumbersome process. Nice ID-GEN is completely customizable with centralization of everything in one single place. Configuration and maintenance tasks are reduced to a minimum. Each object for which a unique identification code is required can be described, including the various elements that have to be taken into account in order to create their associated GS1 data structure. This structure can then be represented as a standard barcode satisfying the requirements of concrete situations. It has to be noted, however, that the Nice ID-GEN server does not create codes for system-unique identification codes such as patient identification codes or medication IDs.

Architecture

Nice ID-GEN is a server that can be accessed through the "WebServices" SOAP (Simple Object Access Protocol) standard technology.

Integration

"WebServices" can be very easily accessed by any kind of application, as the large majority of development and integration environments support this protocol.



Prerequisites

- Unix or Windows server
- Application server (Tomcat, J-Boss, BES)
- JAVA 1.4.2 or above

Authority for Use

The right to use GS1 codes needs an affiliation at the national representative of GS1 (www.GS1.org).



The identification enables

- recognition of care providers
- trustworthy identification of patients
- tagging of every object
- unique identification of locations

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