



The Global Language of Business

GSMP:

General Specifications Change Notification (GSCN)

GSCN #	GSCN Name	Effective Date
16-166	Enable use of SRIN in combination with GSRN - PROVIDER	7 Nov 2016

Associated Work Request (WR) Number:

WR 16-166

Background:

At present a care giver is provided a barcoded ID badge with a GSRN, one of the many applications that this barcoded badge is used for is to allow automatic access to systems and entry points (e.g. door entry). If the badge is lost or stolen there is currently no way of issuing a duplicate ID badge etc. as the GSRN is the same, a serial number or instance number is required to differentiate between them.

The proposed change is to allow the SRIN AI (8019) to be used with the GSRN of the service provider - AI (8017). At present the SRIN can only be used with AI (8018) GSRN of the service recipient.

GS1 General Specification Change:

The recommended changes are highlighted in the attached excerpt from the GS1 General Specifications, v16.

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Figure 3.9.12-1. Format of the element string

Application Identifier	Global Service Relation Number (GSRN) - PROVIDER															Check digit	
	GS1 Company Prefix										Service reference						
8017	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₇	N ₁₈

The data transmitted from the barcode reader means that the element string denoting the Global Service Relation Number for the Provider has been captured.

When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section [3.23.2](#)): **GSRN - PROVIDER**

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The Global Service Relation Number – Recipient identifies the relationship between an organisation offering services and the recipient of services.

Figure 3.9.12-2. Format of the element string

Application Identifier	Global Service Relation Number (GSRN) - RECIPIENT															Check digit	
	GS1 Company Prefix										Service reference						
8018	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₇	N ₁₈

The data transmitted from the barcode reader means that the element string denoting Global Service Relation Number for the Recipient has been captured. When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section [3.23.2](#)): **GSRN - RECIPIENT**

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3.9.13 Service Relation Instance Number (SRIN): AI (8019)

The Application Identifier (8019) indicates that the GS1 Application Identifier data field contains a Service Relation Instance Number (SRIN). The SRIN is used when the identification of a "Subject of Care" Global Service Relation Number for the Service Recipient (GSRN - RECIPIENT) needs to be further identified/qualified with a sequence indicator corresponding to each encounter during the episode of care. The resultant element string provides a means for the service provider to store data relevant to specific instances of service provided to the recipient. The SRIN is further used when an identification (e.g. a badge) of a "Provider of Care" with Global Service Relation Number for the Service Provider (GSRN - PROVIDER) needs to be decommissioned and a replacement issued. The resultant element string provides a means for the organisation issuing badges to distinguish between badges with identical GSRNs.

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The structure and content of the Service Relation Instance Number is at the discretion of the owner of the GS1 Company Prefix to uniquely identify each service relation instance.

Figure 3.9.13-1. Format of the element string

Application Identifier	Service Relation Instance Number
8019	N ₁ —variable length—> N ₁₀

The data transmitted from the barcode reader means that the element string denoting a Service Relation Instance Number has been captured. When indicating this element string in the non-HRI text section of a barcode label, one of the following data title SHOULD be used as appropriate (see also section [3.23.2](#)): **SRIN**

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3.9.14 Payment slip reference number: AI (8020)

The Application Identifier (8020) indicates that the GS1 Application Identifier data field contains a payment slip reference number.



4.7 GSRN rules

4.7.1 Allocating Global Service Relation Numbers

4.7.1.1 General rule

Global Service Relation Number (GSRNs) can be used to identify the service provider and/or service recipient in any service relationship. A separate, unique number can be issued, normally by the organisation offering the service to identify the service provider and/or the service recipient, to identify any given service relationship. Once assigned, the GSRN becomes a unique and universal reference that can be used by all parties involved in the service relationship.

A GSRN with either AI 8018 or AI 8017 are mutually exclusive, that is, a GSRN can only be assigned to a single role, recipient or provider, but not both.

4.7.1.2 Changes in a service relationship

From time to time the details related to a Global Service Relation Numbers (GSRN) may change. The following are general cases that may occur if the circumstances under which the GSRN were originally set up change:

- if an organisation providing a service ceases trading (possibly because of liquidation), any GSRNs allocated by that organisation SHOULD be phased out. If the activity covered by the GSRN is transferred, the new organisation providing the service may continue to use existing GSRNs if it has taken over the GS1 Company Prefix of the original organisation providing the service; if not, the GSRN SHOULD be phased out and a new GSRN allocated using the new organisation's GS1 Company Prefix.
- if the range of services identified by a GSRN changes, the organisation that provides the service SHOULD change the details associated with the GSRN on the related computer file record. The assignment of a new GSRN is not required in this case.
- a GSRN used to identify a particular service relationship that has terminated SHOULD not be reallocated for a period well beyond the lifetime of the relevant records.

4.7.1.3 Recommendation for allocating Global Service Relation Numbers

The exact method used to allocate the Global Service Relation Number (GSRN) is left to the discretion of the issuing organisation. However, the GSRN must be unique for each individual service provider and for each individual service recipient and each must remain unique for a period well beyond the lifetime of the records relevant to the service relationship.

All issuers of Global Service Relationship Numbers (GSRNs) must ensure that GSRNs allocated for healthcare service providers and service recipients SHALL never be reused.

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For ease of administration, GS1 recommends that GSRNs be allocated sequentially and not contain classifying elements.

4.7.1.4 Information associated with a Global Service Relation Number

Global Service Relation Number (GSRN) may be used as a standalone element strings where all information required is established on a computer file using the individual GSRN as the key to access the information. The type of information stored is determined by the nature of the service relationship. Typical information includes the service recipient's or provider's full name, address, and details of the services received or rendered.

If the identification of a Global Service Relation Number for the service recipient (GSRN) needs to be further identified qualified with a sequence indicator corresponding to specific encounters during a service relationship, a Service Relation Instance Number (SRIN), AI (8019) may be associated to the GSRN. As an example, in a healthcare setting this could be used to allow for differentiation of "Subject of Care" identification capture from an identification band, both before and after its replacement (i.e. due to a radiology examination, etc.) or to allow differentiation between the issuance of identification badges for "Provider of Care".

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If element string		Then mandatory associated element string	Comment
7006	First freeze date	01 or 02	Mandatory association with a Global Trade Item Number (GTIN) or with the identification of logistic unit contents
7007	Harvest date	01 or 02	Mandatory association with a Global Trade Item Number (GTIN) or with the identification of logistic unit contents
7008	Species for fishery purposes	01 or 02	Mandatory association with a Global Trade Item Number (GTIN) or with the identification of logistic unit contents
7009	Fishing Gear type	01 or 02	Mandatory association with a Global Trade Item Number (GTIN) or with the identification of logistic unit contents
7010	Production method	01 or 02	Mandatory association with a Global Trade Item Number (GTIN) or with the identification of logistic unit contents
703(s)	Number of processor	01 or 02	Mandatory association with a GTIN or with the identification of logistic unit contents
710	National Healthcare Reimbursement Number	01	Mandatory association with the GTIN of the trade item
711	National Healthcare Reimbursement Number	01	Mandatory association with the GTIN of the trade item
712	National Healthcare Reimbursement Number	01	Mandatory association with the GTIN of the trade item
713	National Healthcare Reimbursement Number	01	Mandatory association with the GTIN of the trade item
8001	Variables of roll products	01	Mandatory association with a variable measure GTIN (e.g., an GTIN-14 starting with the digit 9)
8005	Price per unit of measure	01 or 02	Mandatory association with a GTIN for a variable measure trade item (e.g., GTIN-12 or GTIN-13 for trade items scanned at POS, GTIN-14s starting with indicator digit 9 for trade items not scanned at POS) or the identification of variable measure content of a logistic unit.
8007	International Bank Account Number	8020 and 415	Mandatory association with the payment slip reference number and the GLN of the invoicing party
8008	Date and time of production	01 or 02	Mandatory association with a GTIN or with the identification of logistic unit contents
8011	Component / Part Identifier serial number	8010	Mandatory association with Component / Part Identifier
8012	Software Version	01	Mandatory association with a Global Trade Item Number (GTIN)
8019	Service Relation Instance Number	8017 or 8018	Mandatory association with a Global Service Relation Number (GSRN), AI-8018
8020	Payment slip reference number	415	Mandatory association with the GLN of the invoicing party