Creating a pseudo – GLN

1. What is a GLN

GLN is a shortcut for Global Location Number, formerly known as GLN (shortcut for Global Location Number). It is a 13-digit identifier for a company or operation which directly leads to the address.
With the GLN a company or its stores can be uniquely identified.
The GLNs are issued by the GS1 organizations. In Germany it is GS1 Germany.

2. Assignment of sales reports

At beeline, sales reports will be allocated to the stores by GLN. Indicating the GLN is essential in a sales report.

3. Customers without GLN but with a store number

The allocation of sales data is based on the individual store GLNs of a customer. However, some customers can't provide GLNs because they do not use this qualification. If their stores have store numbers, those numbers may be used for allocation. In order to ensure an allocation of sales data, a creating of a pseudo GLN on the basis of customer-specific store numbers is required.

The following rules shall apply:

A GLN is always 13 digits long!
The artificial GLN is formed of a fixed part (a prefix) and the store number of the customer.

4. Store number with fixed length

Example: customer "Modehaus Muster"
Store 1:   110001
Store 2:   110002
Store 3:   110003
Etc.

The GLN has to be 13 digits long and the store number of the customer in this example is 6 digits long, 7 digits remain for the prefix of artificial GLN.
If possible, this prefix should have a reference to the customer, for example the including the customer's name within the prefix.

For the customer "Modehaus Muster" it may be built as follows:

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	prefix							store number of customer					
Digit	1	2	3	4	5	6	7	8	9	10	11	12	13
GLN	M	U	S	T	E	R	0	1	1	0	0	0	1

The 7-digit prefix is filled with the customer's name. In this example, the customer's name is only 6 digits long so the seventh place was filled up with a '0'.

The pseudo GLNs would look like this:
    MUSTER0110001
    MUSTER0110002
    MUSTER0110003

5. Store number with variable length

Example: customer "Brautmoden Meier"

The store number of the customer normally consists of 5 to 8- digits:
Store 1: 12345
Store 2: 123456
Store 3: 12345678
Etc.

Because a GLN needs to be 13 digits long and the longest store number of a customer consists of 8, 5 digits remain for the prefix of the pseudo GLN.

If possible, this prefix should have a reference to the customer, for example the including the customer's name within the prefix.

For the customer "Brautmoden Meier", the pseudo GLN could be formed as follows:

	prefix					store number of customer							
Digit	1	2	3	4	5	6	7	8	9	10	11	12	13
GLN	M	E	I	E	R	0	0	0	1	2	3	4	5

The 5-digit prefix is filled with the customer's name.
If the customer's store numbers are shorter, the remaining positions need to be filled up with '0' until reaching 13 digits.

The pseudo GLN looks like this:

    MEIER00012345
    MEIER00123456
    MEIER12345678