



## 3.3 Allocating An SSCC

The SSCC is a unique, non-significant, eighteen-digit number which is assigned by the company constructing the logistic unit. It remains the same for the life of the logistic unit. The SSCC is encoded in a GS1-128 Bar Code and is represented by the Application Identifier (AI) 00. For more information on AI (00) refer to chapter 5, AI (00) - Identification of a Logistic Unit on page 92.

When assigning an SSCC, an individual SSCC number must not be reallocated within one year of the shipment date from the SSCC assignor to a trading partner.

How you allocate an SSCC depends on the length of your assigned GS1 Company Prefix. For GS1 Australia members this depends on whether you joined GS1 Australia prior to May 1996, in which case you were allocated a seven-digit GS1 Company Prefix or after May 1996 and were allocated a seven- to nine-digit GS1 Company Prefix.

	AI	Ext. Digit	GS1 Company Prefix	Serial Reference	Check Digit
Nine-Digit GS1 Company Prefix	00	0-9	n <sub>2</sub> n <sub>3</sub> n <sub>4</sub> n <sub>5</sub> n <sub>6</sub> n <sub>7</sub> n <sub>8</sub> n <sub>9</sub> n <sub>10</sub>	n <sub>11</sub> n <sub>12</sub> n <sub>13</sub> n <sub>14</sub> n <sub>15</sub> n <sub>16</sub> n <sub>17</sub>	n <sub>18</sub>
Seven-Digit GS1 Company Prefix	00	0-9	n <sub>2</sub> n <sub>3</sub> n <sub>4</sub> n <sub>5</sub> n <sub>6</sub> n <sub>7</sub> n <sub>8</sub>	n <sub>9</sub> n <sub>10</sub> n <sub>11</sub> n <sub>12</sub> n <sub>13</sub> n <sub>14</sub> n <sub>15</sub> n <sub>16</sub> n <sub>17</sub>	n <sub>18</sub>

**TABLE 38** Serial Shipping Container Code (SSCC) Structure

**The Application Identifier (AI)** is used to indicate that the data following is an 18-digit SSCC.

**The Extension Digit** is used to increase the capacity of the Serial Reference within the SSCC. It is assigned by the company that constructs the SSCC.

**The GS1 Company Prefix** used should belong to the company originating the logistic unit, which is not always the brand owner. It makes the SSCC unique worldwide but does not identify the origin of the unit.

If you have obtained a prefix to allocate twelve-digit GTINs either directly from GS1 US, GS1 Canada or via GS1 Australia, you must add a leading zero to this prefix after the Extension Digit.

**The Serial Reference** is structured at the discretion of the company responsible for its assignment to uniquely identify each transport package. The method used to allocate the Serial Reference is at the discretion of the company bar coding the unit.

**The Check Digit** is mathematically calculated and ensures the whole number is correct. Correct calculation is essential for successful scanning of the bar code.

A Check Digit calculator program which will automatically calculate the Check Digit can be obtained from the GS1 Australia web site at [www.gs1au.org](http://www.gs1au.org).

For instruction on manually calculating the Check Digit please refer to chapter 2, section 2.4 Manual Check Digit Calculation on page 53.

**Note:** The AI (00) is not part of the Check Digit calculation.,

For either method of calculating the Check Digit use the SSCC option.

