

CALCULATION METHOD

The software used must have the ability to meet the following requirements:

Thirteen alpha/numeric characters. The first 5 characters will be unique and assigned to each livescan device. The next two digits will be the last two numbers of the current year, for example:

2007 would be 07. The next 5 digits will be a sequential number beginning with 00001 each January 1. The last digit is the check digit and is constructed the same as specified above based on the sixth through twelfth characters.

The last 7 digits constitute the base number. Each digit is independently multiplied by its weighting factor. The independent products are then added together producing a sum. This sum is then divided by 19. The unit's position of the remainder is the check digit.

Example: Base Number

SMAR10700001

0	7	0	0	0	0	0	1	=	Base Number
3	8	2	4	5	7	8	8	=	Weighting Factors
								0 + 56 + 0 + 0 + 0 + 0 + 8 =	64

64 Divided by 19 = 3 with a remainder of 7. The number '7' is the check digit. The final 13 character number would be SMAR107000017.

The purpose of this new method is to permit each livescan device to generate a unique Fingerprint Card Control Number and to eliminate the assignment of the unique Fingerprint Card Control Number by the Oregon State Police.

Note: If the remainder is 10, the check digit would be 0.