Dongle's Network Resource

The number of client applications that can run simultaneously is limited by the Guardant dongles' network resource.

A distinction between *maximum* and *real* dongle's network resource must be provided.

The maximum network resource is programmed by *Aktiv,* Inc. during the presale period for the dongle. The value of the maximum network resource is resident in the dongle's memory at (SAM) address 19 and cannot be changed. Possible values of the maximum network resource: 10, 20, 50, 100, and unlimited.

The actual network resource is programmed by the developer prior to transferring the protected application and dongle to the end user. The value of the actual network resource is contained in the dongle's memory:

Network dongle model	Real network resource location
Guardant Net III / Sign Net /Time Net	First license table module. The resource's value is replicated in counter No.2 (38 SAM (8 UAM)) upon creation of the license table
Guardant Net II/ Net	Counter No.2 (38 SAM (8 UAM))

The actual network resource equals the number of application licenses paid for by the end user and may not exceed the maximum for the dongle's network resource.

The actual network resource value can be changed using one of the following methods:

Method		Sequence of actions
Using GrdUtil. exe	Guardant Sign Net / Time Net / Net III	Execute the menu command Edit | Add field, select field type "License table", select module "General dongle resource" and set its value (5 by default). The actual network resource value will be automatically replicated in "Counter No.2" field upon creation of the license table.
	Guardant Net II/ Net	Select field "Counter No.2", set new value and execute the command **Dongle | Write into dongle.**
From the application	Guardant Net III	Create a license table in the dongle's memory (see License table format) and set the first table module value (titled "The general dongle resource"). Replicate its value at 38 SAM (8 UAM) address using the GrdRead command.
	Guardant Net II/ Net	Write the new value at 38 SAM (8 UAM) address using the GrdRead command