

Issues with Multiple Global Licence Files

1. Introduction

Due to a variety of reasons a single G-3000 order may result in the production and dispatch of multiple Global Licence Files (GLF's). Multiple GLF's may also be created in order to fulfill multiple orders for the same serial number. This document describes a number of issues that will occur when multiple GLF's are used with current revision of GSM. **ALL THESE ISSUES HAVE BEEN RESOLVED IN GSM SERVICE PACK-7.**

2. Merging multiple GLF' to a single GLF

Since Global Licence Files are simple text files it should be possible to merge them into a single file. For example, consider the following 3 files:

6780004_264685h.lic:

```
* Licence file created on 21/02/2002 at 15.21.03 by CDPC
0001
264685
6780004QFXOQU
* Product code ZQ version V5.0
VPBDMRZZRVKGPXRJDMBSPZNQFFDZDCFBLLHJPLXJZQCZZPNTQPK
* Product code ZM version V5.0
CJBDMRZZRVKJJJDJFBMBSPZNQFFDZDCFBLLBRHDZPZMCZZJBTQPK
* Product code XE version V5.0
DNBDMRZZRVKQHBNPPMBSPZNQFFDZDCFBLLJLKYXECZZJNTQPK
```

6780004_264686n.lic:

```
* Licence file created on 21/02/2002 at 15.15.17 by CDPC
0001
264686
6780004QFXOQU
* Product code ZM version V5.0
SJBDMRZZRVKZTQBFFMBSPZNQFFDZDCFBLLBRPZNZMCZZTFTRPK
* Product code ZD version V5.0
YVBDMRZZRVKTCVCFJMBSPZNQFFDZDCFBLLJTNHXXZDCZZGDTRPK
* Product code ZP version V5.0
RFBDMRZZRVKTYKRRMBSPZNQFFDZDCFBLLFPTLFBZPCZZVTTRPK
* Product code ZS version V5.0
VLBDMRZZRVKWLXLLMBSPZNQFFDZDCFBLLJPBHNCZSCZZFDTRPK
* Product code ZI version V5.0
LMBDMRZZRVKDLGFBDMBSPZNQFFDZDCFBLLJRFJHMQZICZZTZTRPK
* Product code ZG version V5.0
FCBDMRZZRVKXWLTMBSPZNQFFDZDCFBLLJNRPDZHZGCZZZGTRPK
* Product code ZA version V5.0
HNBDMRZZRVKTTCLMBSPZNQFFDZDCFBLLJFTLLGZZACZZSSTRPK
* Product code ZO version V5.0
XYBDMRZZRVKXXWGHMBSPZNQFFDZDCFBLLFDLTSRZOCZZQBTRPK
* Product code XE version V5.0
```

JQBDMRZZRVKZVPCRBMBSPZNQFFDZDCFBJLLBDZKXECZZBQTRPK

6780004_264687t.lic:

* Licence file created on 21/02/2002 at 15.19.24 by CDPC

0001

264687

6780004QFXOQU

* Product code ZT version V5.0

JYBDMRZZRVKJQYBDFMBSPZNQFFDZDCFBLLJTLCZTCZZMQTSPK

* Product code XE version V5.0

PMBDMRZZRVKNHWXRFBMBSPZNQFFDZDCFBJLLLPLZXECZZKCTSPK

* Product code ZM version V5.0

JMBDMRZZRVKZPRVFLMBSPZNQFFDZDCFBLLBRJHGKZMCZZMCTSPK

Merging the product lines in the 3 Global Licence Files would produce the following file:

6780004_264685h.lic:

* Licence file created on 21/02/2002 at 15.21.03 by CDPC

0001

264685

6780004QFXOQU

* Product code ZQ version V5.0

VPBDMRZZRVKGPXRJDMBSPZNQFFDZDCFBLLHJPLXJZQCZZPNTQPK

* Product code ZM version V5.0

CJBDMRZZRVKJJJDJFBMBSPZNQFFDZDCFBLLBRHDZPZMCZZJBTQPK

* Product code XE version V5.0

DNBDMRZZRVKQHBPNPMBSPZNQFFDZDCFBJLLJLKYXECZZJNTQPK

* Product code ZM version V5.0

SJBDMRZZRVKZTQBFFMBSPZNQFFDZDCFBLLBRPZNMZCZZTFTTRPK

* Product code ZD version V5.0

YVBDMRZZRVKTCVCFJMBSPZNQFFDZDCFBJJTNHHXZDCZZGDTRPK

* Product code ZP version V5.0

RFBDMRZZRVKTYKRRMBSPZNQFFDZDCFBLLFPTLFBZPCZZVTTRPK

* Product code ZS version V5.0

VLBDMRZZRVKWLXLLMBSPZNQFFDZDCFBLLJPBHNCZSCZZFDTRPK

* Product code ZI version V5.0

LMBDMRZZRVKDLGFBDMBSPZNQFFDZDCFBJRFJHMQZICZZTZTRPK

* Product code ZG version V5.0

FCBDMRZZRVKXWLTBMBSPZNQFFDZDCFBJNRPDZHGCZZZGTRPK

* Product code ZA version V5.0

HNBDMRZZRVKTTCLMBSPZNQFFDZDCFBJFTLLGZZACZZSSTRPK

* Product code ZO version V5.0

XYBDMRZZRVKXXWGHMBSPZNQFFDZDCFBLLFDLTSRZOCZZQBTRPK

* Product code XE version V5.0

JQBDMRZZRVKZVPCRBMBSPZNQFFDZDCFBJLLBDZKXECZZBQTRPK

* Product code ZT version V5.0

JYBDMRZZRVKJQYBDFMBSPZNQFFDZDCFBLLJTLCZTCZZMQTSPK

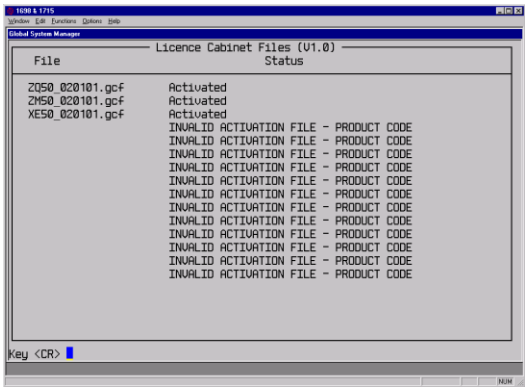
* Product code XE version V5.0

PMBDMRZZRVKNHWXRFBMBSPZNQFFDZDCFBJLLLPLZXECZZKCTSPK

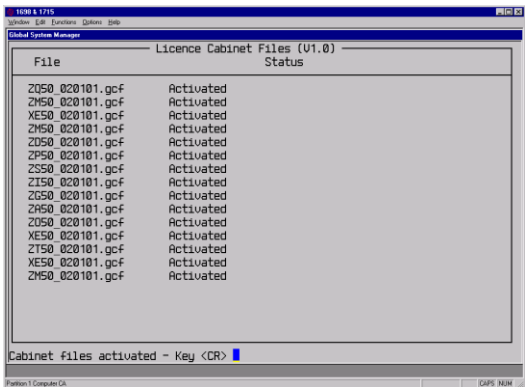
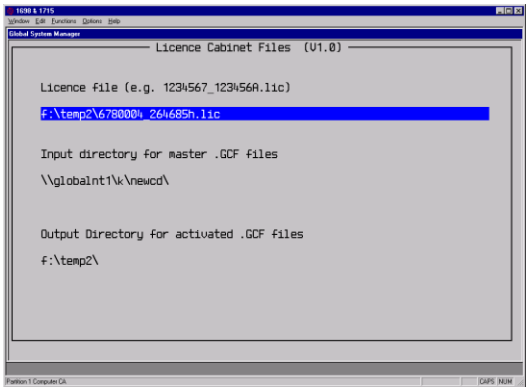
* Product code ZM version V5.0

JMBDMRZZRVKZPRVFLMBSPZNQFFDZDCFBLLBRJHGKZMCZZMCTSPK

However an attempt to use this merged Global Licence File with a pre GSM SP-7 version of \$LICENCE will result in the following dialogue:

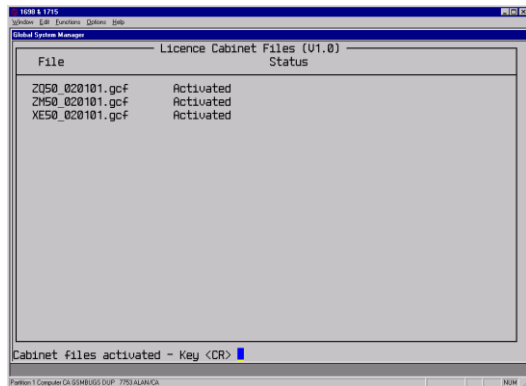


This issue has been resolved in the GSM SP-7 version of \$LICENCE:

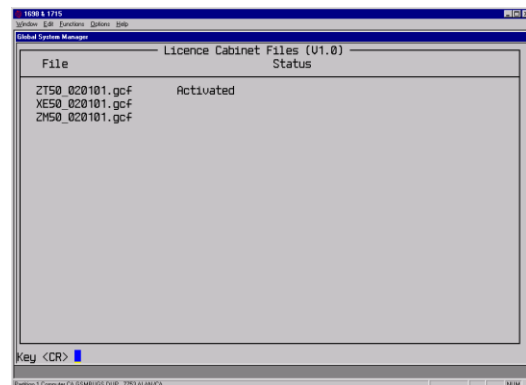
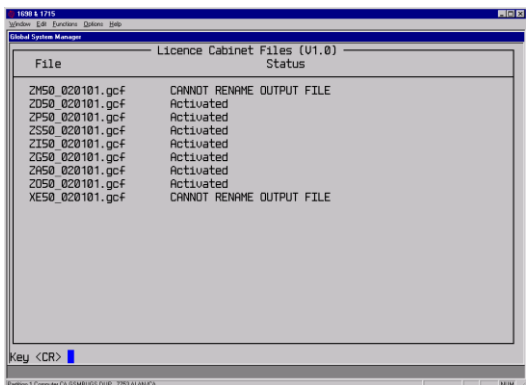


3. Running \$INSTALL repeatedly with multiple GLF's

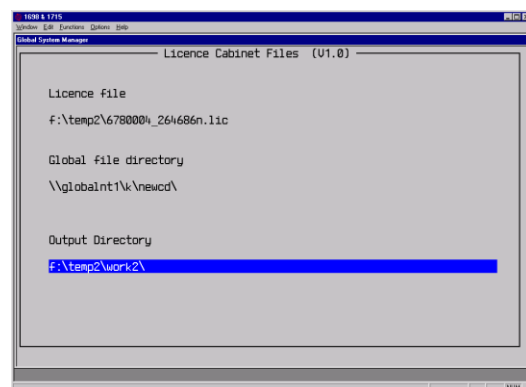
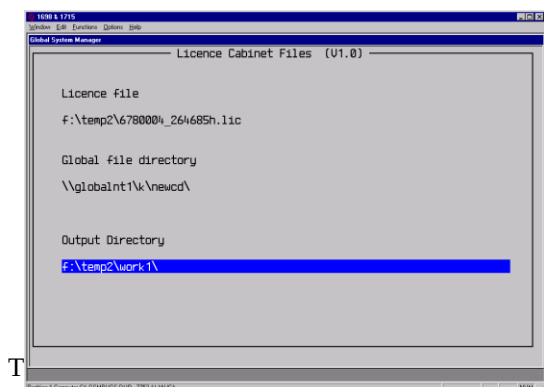
If a suitable text editor is not available to merge the multiple GLF's into a single GLF then it should be possible to run \$LICENCE multiple times (i.e. once for each GLF). However, if this is attempted with the pre GSM SP-7 \$LICENCE a number of errors may appear because some products may appear in more than one GLF. For example, running pre GSM SP-7 \$LICENCE with the first of the three GLF's shown above completes successfully:



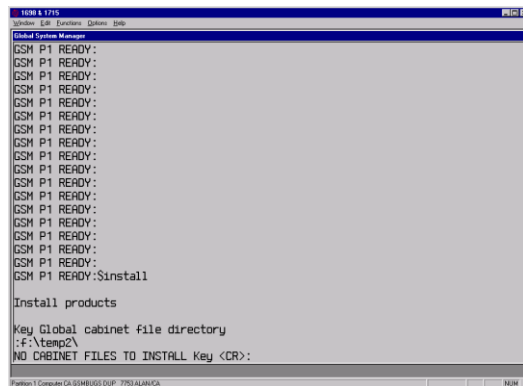
However, running pre GSM SP-7 \$LICENCE with the second and third GLF's fails to licence some of the GCF's:



All these problems are fixed in the GSM SP-7 version of \$LICENCE. Until this version becomes available you are advised to specify a different output directory for each GLF in a multiple-GLF order and use Windows Explorer to merge all the activated GCF's together in a single directory:



Although it is possible to use \$LICENCE to **activate** a GLF for serial number x on a serial number y run-time system (where $x \neq y$), it is not possible to use \$INSTALL to **install** a serial number x GCF file on a serial number y run-time system. This restriction even applies if x is an end-user serial number (e.g. 1230100) for reseller serial number y (e.g. 1230001)). The pre GSM SP-7 version of \$INSTALL is not very "user-friendly":



The GSM SP-7 version of \$INSTALL now displays a more meaningful error message:

