

Problem Copying GL-IPL.DLV after GSM SP-*n* Applied

1. Introduction

This document describes a problem on GSM (Windows) configurations that occurs if the GL-IPL.DLV file is copied to a newly installed client **after** a GSM Service Pack has been applied.

Section 2.8.2.1 of the GSM (Windows) manual describes how the GL-IPL.DLV file created during the "Master Server installation" on the Server should be copied to the Global directory of each workstation PC in order to complete a "fat client" installation. While this technique is sufficient for a fresh installation it is not appropriate after a GSM Service Pack has been applied. If this process is attempted after a GSM Service Pack has been applied the freshly installed fat client will not load GSM.

2. Technical Details

The "Master Server installation" process involves copying the \$MONITOR file from BACRES to the SYSIPL volume contained in the GL-IPL.DLV file. In addition to copying the \$MONITOR file from BACRES to SYSIPL, the file itself is customised with some server specific information.

This server specific information within \$MONITOR is normally accurate for other fat clients on the network so that the GL-IPL.DLV file can be used to propagate fat clients to other PC's on the network. However, the application of any GSM Service Pack results in the customised \$MONITOR on SYSIPL being replaced by an un-customised \$MONITOR from the Service Pack download. Attempting to load GSM from a SYSIPL (or SYSRES) unit containing an un-customised \$MONITOR will inevitably fail. It is for this reason that the \$MNDISP "Export \$MONITOR Customisations to Registry" facility is a mandatory pre-requisite of applying a GSM Service Pack (see Appendix H of the GSM V8.1 Notes).

3. Work Around

Until a full solution has been implemented (see section 4) the following work-around must be performed when GL-IPL.DLV is copied from the "Master Server" to a new fat client:

- On the "Master Server" make a note of all the ValueNames and their settings under the "Monitor" sub-key;
- On the new fat client PC use GLREGED.EXE to add a "Monitor" sub-key to the "Global\Client" key of the registry;

- On the new fat client PC add all the ValueNames present under the "Monitor" key on the Master Server, and set their values to same settings as on the Master Server.

These steps should result in a direct copy of the existing "Monitor" sub-key on the Master Server to the new "Monitor" sub-key on the fat client PC.

4. Solution

This problem will be avoided by the application of a GSM Service Pack automatically re-customising the newly installed \$MONITOR. This change, which requires changes to \$MNDISP, has been included in GSM Service Pack 6.