This thesis concentrates on modular products, which use other company’s GSM terminal as a part of the product. These products can be divided into two parts: cellular and application unit. The cellular unit is the GSM unit and it provides wireless communication via GSM network. The application unit is the visible, usable part of the product. Subcontractors manufacture these products under the mother company’s supervision. The final product is constructed by combining the two product parts: GSM terminal and application unit.

GSM terminals are transferred from the production line as generic terminals and are given “life” in the very last phase of the production, the variation process. Variation is the process where the products are given their final configurations before selling to customers. Different customers may want to set certain restrictions and settings to the products they are selling. It is important for efficient production to be able to do this variation at the last step of the production cycle. Subcontractors implement the applications and thus they should be able to do this final variation of the final product.

The main target of this thesis is to specify a software and hardware packet needed for GSM terminal variation. This variation kit is delivered to the subcontractors. No actual variation application is delivered, only the needed software interfaces and modules for doing the GSM terminal variation. The hardware consists of the mandatory mother company specific devices and a specification about the required hardware.