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1 Overview

USB Version and Configuration Data Maker (UMaker) is tool to process the configuration data files and the version package and write them into USB flash drive. UMaker is released with OMMB version.

The tool can process the version package (product and platform), and XML configuration file according to the requirement of USB site-commissioning, and the write the data into USB flash drive.

UMaker tool can improve the efficiency of making the USB flash drive, thus reduce the cost of site-commissioning, and is very convenient for the engineers.

The guide will describe the procedure of USB site-commissioning first, then the usage of UMaker tool.

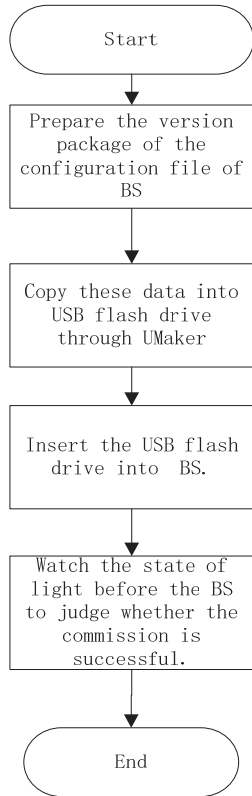
2 USB Site Commissioning

USB commissioning is very convenient for the field engineers, thus they won't to operate every BS. The engineer inserts USB flash drive into BS, and then BS will reset automatically, and load CPU and FPGA version, also the configuration data from USB flash drive. BS will perform the downloading and activating of version package automatically. Thus a well prepared USB flash drive can make the new BS running normally.

The USB flash drive can also be used in self-check of BS, which will be convenient for the engineer. The result of self-checking can also be written into the USB flash drive.

If one USB flash drive contains only the version file and data file of one BS, the engineer can produce every BS a USB flash drive, when the number of BS is limited. When the number of BS is large, the BS can share one USB flash drive with only minor change before the actual use. Figure 2.1 shows the procedure of USB commissioning.

Figure 2-1 The Procedure of USB Commissioning



2.1 The Precondition of USB Commissioning

The requirement of BS

1. The main control board of BS must be CCC or CCE.
2. The version number of CCC boot must not be lower than 10186, and that of CCE boot must not be lower than 10192.

The requirement of USB flash drive

1. The formatting mode is FAT16 or FAT32, the capacity is less than 32G, and the recommended type is Kingston DT 101 G2 (8G/16G).
2. Prepare a USB cable, with standard USB female plug in one end, and mini USB male plug at the other end.

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