

Case Study- Porting of UGW to Puma-7

Objective:

This work was carried out for one of the biggest provider of wireless residential gateway provider. Intel has come up with Puma-7, DOCSIS 3.1 SoC that supports multi-Gigabit cable modem with dual core atom processor. It supports Linux as well as other OS using virtualization. Customer wants to port their universal gateway software platform to this hardware to provide improved performance and to remain competitive in the home gateway segment.

Description:

Bringing up a new board from scratch is always a challenge that Mirafra team loves to take up. The team quickly ramped up knowledge on this new atom based chipset. After successful board bring-up, the team had contributed in porting the Universal Gateway Software and also had developed an upgrade utility for seamless upgradation (which is simpler, operator-friendly and less error prone). With, this our customer could deliver their new product to the market on time.