

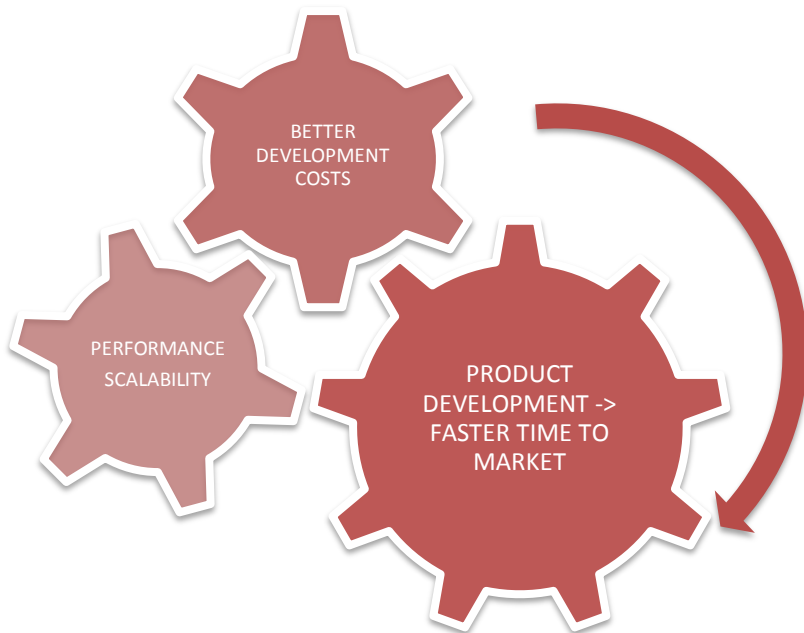
MAGIK2: i.MX6 SMARC Module with 7" Display

Using the SMARC standard for embedded modules, Tessolve has come up with a series of ultra-low power System-On-Module based on the NXP i.MX Family which is powered by ARM Cortex A9 CPUs in 2014.

TESSOLVE leverages its vast experience of product development in embedded multimedia systems for professional applications and systems combining audio/video, graphics and HMI.

Tessolve SMARC modules are supported with Linux 3.10/3.14/4.1, Android 4.4 /5.1/6.0 BSP and WEC7 / WEC13 BSP.

Using this display set up customers can start working on their end application while the Tessolve' team is working on customizing the hardware and BSP for the end customer requirements.



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SMARC Module Based Display System Overview

- Display:
 - 7" LVDS 800 x 480
 - High Brightness (up to 700 Cd/m²)
- Processor:
 - i.MX6 (Solo to Quad Plus)
 - Up to 1.2GHz
 - ARM Cortex A9
 - GPU
- Graphics:
 - HD 1080p encode and decode
 - 2D and 3D Graphics Accelerator
- Memory:
 - eMMC: 4GB to 64GB
 - DDR3: Up to 2GB
 - EEPROM

SMARC Carrier Board Interface:

- x1 Gigabit Ethernet
- x2 USB
- x1 HDMI
- x1 Headphone Out
- x2 CAN
- x1 RS232
- x1 PCIe
- GPIO Header
- SATA Connector