Radoslav Ibrishimov

MM Solutions AD

Bilateral Meetings

- 02.03.2015 Monday (11.00h - 13.05h)
- 02.03.2015 Monday (13.05h - 15.10h)
- 02.03.2015 Monday (15.10h - 18.05h)
- 03.03.2015 Tuesday (9.00h - 11.05h)
- 03.03.2015 Tuesday (11.05h - 13.10h)
- 03.03.2015 Tuesday (13.10h - 15.15h)
- 03.03.2015 Tuesday (15.15h - 16.55h)
- 04.03.2015 Wednesday (9.00h - 11.05h)
- 04.03.2015 Wednesday (11.05h - 13.10h)

Description
Established: 2001 as spin-off from Daisy Group

Workforce: 240 skilled engineers

Areas of expertise:

- Mobile imaging, video and audio
- E-books, Tablets, Automotive multimedia
- Android, Windows, Linux, RTOS, DSP

Credentials:

- 14 years experience in mobile phones imaging, video and audio
- 5 years experience in DSC and portable audio
- Strategic partner of Qualcomm and Texas Instruments for OMAP 2D and 3D imaging, Smartphone and Tablet
- Well established at all Tier 1 mobile phone and tablet vendors
- More than 250 million mobile phones shipped worldwide using MMS imaging/video framework and image quality tuning
- 5 "Best mobile imaging" TIPA awards
- Reference designs supplier for Texas Instruments for eBook, Tablet, DSC, MP3
- SmartTV, VoIP phones

Organization Type
Company
Organization Size
101-250
Areas of Activities

HARDWARE

1. Mobile devices
2. Mobile multimedia devices

SOFTWARE/INTERNET

1. Application development
2. Data analysis
3. Mobile entertainment
4. MobileTV

Offer

Mobile Imaging solutions

Areas of expertise:
• Camera SW architecture design for Android, Linux, Windows RT, Windows Phone 8, QNX
• Drivers development and image pipes implementation for video and still capture
• Image quality tuning and verification
• Imaging IPs: 3A, advanced noise filtering, HDR, Video Stabilization, stereo imaging, etc.
• Mobile, industrial and automotive imaging
• Android and Linux porting, testing and support
• Linux / Android support
o BSP creation and support for customer platforms
o Linux and Android porting on SOC/application processor
o Linux Device drivers
o Power and performance optimizations
o Kernel / User space bug fixing
• System Architecture and design of SW and HW solutions
• System optimizations on DSP / NEON / GPU acceleration of various algorithms and implementations

Platforms:
• Qualcomm:
o A family: 8x30/8060A/8960/8064
o B family: 8x26 (single ISP)/ 8x74 (dual ISP) /8084/8x94.

- Texas Instruments: OMAP3/4/5 and derivatives, DaVinci, Centaurus, Vayu
- Movidius: Myriad 1 and Myriad 2
- Arm: Cortex A9, A15,
- Fixed and floating point DSP (C54X, C55X, C64X)
- Imaging accelerators: SIMCOP and IMX (TI), Myriad (Movidius)
- SIMD accelerators: NEON, SIMCOP and IMX (TI)
- GPU: OpenGLES, custom pixel shaders (Imagination)
- Hybrid: OpenCL

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