

Product description

First generation Siemens UMTS mobile phone based on Qualcomm's MSM6250 chipset.
Premium semi-automatic slider design, high quality finishing
Tri-band GSM/GPRS, 176 x 220 pixels 2" display, 256k colours, BT interface, video telephony with dedicated CIF camera, 1.3 megapixel camera, RS MultiMediaCard slot, MP3 player, Push and Talk

Project Management

PL-T: Hans Beckers SPM: Jörn Watzke PM: Denis Jeanson BA: Sebastian Kuritke

Milestones:

M0	20.12.04 ✓	S15	18.03.05	S3	22.09.05	M3	23.12.05
S0	26.01.05 ✓	S2	13.05.05	DS	04.11.05		
M1	18.02.05 ✓	S25	22.07.05	S4	16.12.05		

Prototype builds overview

A1	23.12.04 ✓	B1	24.03.04	B1+	03.06.05	B2	19.08.05
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Costs

Total project development costs: €37.7M (direct 26.6M)	Development costs FY 04/05:
BOM target: €125 (€117)	BOM actual: €124

Time to market summary

No delays. Project schedule is very tight and dependent on software deliveries from Qualcomm.

2. Major Progress and Achievements

HW-Development (BB, RF, EMC/Antenne)

A1 evaluation gave valuable feedback (UMTS receive sensitivity and 1.6Mhz spurious)

Platform Components

Received first displays, batteries, speaker modules

General Project Management, Quality, Costs etc.

Project schedule is on track and committed by all project leads

Development - and product cost optimized (target for M1: business case improved)

Product is well received by our operators (pre-selected for product hero @ Vodafone)

A1 PCB made first calls on 900, 1800 GSM bands and 2100 UMTS band.

First Wolf 4 B1 phone samples will be available within 2 weeks

HW-Development (BB, RF, EMC/Antenna)

Risk: **EMC concept of the MMI flex**

Severity: **high** Possible impact: **self-interference and possibly a time-to-market delay**

Actions taken: **several (7) test flex' s defined based on different shielding concepts / different MMI Flex stack up concepts and different materials (Ag paste versus mesh Ra-Cu). Test flex' s ordered from different suppliers (Nitto, Ichia & Career)**

SW-Development (Platform, Drivers, Tools, UI)

Risk: **dependency on Wolf 5 software deliveries from Qualcomm**

Severity: **high** Possible impact: **feature decrease and possibly a time-to-market delay**

Actions taken: **Wolf 4 and Wolf 5 teams working closely together with Qualcomm to track the situation and define corrective measures.**

Remark: Project team is staffed but keeps changing (i.e. All baseband development transferred before M1 from Roke Manor Research to München). New project leads for BB (twice), ST1, ST2, CCQ QM-HW, CCQ-Service and AD.