

SCIWORX

S science
C creativity
I innovation
& **worx** (works)

SCIWORX to make our customer win



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corporate profile

sci-worx Vision

The **communication** market will drive new applications stimulated by the **internet and mobile terminals** which will change the way people live, work, communicate, and entertain

In this environment of networked offices, homes and mobile applications we enable our **customer** to be **leader** for **System-on-Chip**



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sci-worx Mission

To provide our *targeted markets* with
leading edge design solutions by combining:



- highly optimized **IP Core Technology**
- state-of-the-art **Design Methodology**
 - and **Application Know-How**



sci-worx enables the customer to accelerate his time to market through world class innovation



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sci-worx Corporate Background

- Headquarters
 - Garbsener Landstrasse 10
 - 30419 Hannover, Germany
- Facts
 - founded 1.Oct. 2000
 - 250+ employees >75% engineers
- Locations
 - Braunschweig
 - Hannover
 - Hamburg



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sci-worx Target Applications

Mobile Electronics



- Subsystems for 3G Mobile Communications
- Application Processors
- MPEG-4 De- and Encoding (HW, SW, ASICs)
- FPGA-ARM9-Validation-Systems
- User-Interface Software (HMI, MMI)
- Operating Systems (Symbian OS, WinCE, eLinux)

Professional Networking



- Ethernet 10/100/1G/10G MAC
- ATM AAL2/AAL5 SAR
- SDH/SONET Framer/Mapper for OC-12/-48/-192/-768
- G.709 FEC and Turbo-FEC
- POS/GFP/LAPS for OC-192
- VCAT/LCAS for OC-192
- ADM's and Switching Solutions

Set-Top-Box & DVD

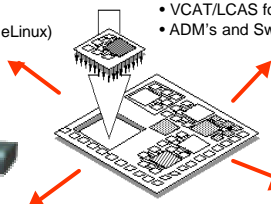


- MPEG-2 Audio and Video De-and Encoding
 - High Level, Multistream, Letterbox
 - for DVD Applications (Subpicture etc.)
 - Time-Shift-Recording, Tricky Mode
- Operating Systems (Middleware, SW for eLinux)
- Stream Processing and Decryption (DVB_DSC, TSD)
- Broadband Media Access (QPSK, QAM, FEC, Turbo)
- Dolby Digital Audio Coding (AC-3)

Cryptography



- Secret Key Encryption/Decryption
 - AES / Rijndael
 - DES / Triple DES
- Public Key Encryption/Decryption
 - RSA
 - Elliptic Curves
- Digital Signature / Authentication
 - Hashing Modules (MD5, SHA-1)



sci-worx offers...

