Welcome!
SCANCO Medical AG
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  - ✓ XtremeCT II

- **Software**
  - ✓ OpenVMS HW
  - ✓ Windows port
  - ✓ OpenVMS Programs
  - ✓ Windows Programs

- **Support**
Figures

- **42 XtremeCT I**
  - Europe: 27
  - America: 12
  - Asia – Australia: 4

- **18 XtremeCT II**
  - Europe: 5
  - America: 11
  - Asia – Australia: 2

- **Expected Deliveries 2016**
  - Europe: 2-3
  - America: 1
  - Asia: 1-2
Hardware

• HW
  ✓ Hand cast
  ✓ Foot cast
  ✓ Tube with insert for fingers
  ✓ Pediatric cast prototype
  ✓ Knee cast prototype
Hardware

- Tube with insert for fingers
Hardware
Hardware

- Pediatric hand cast prototype
Hardware
Hardware

- Knee cast (prototype)
Software: OpenVMS HW/SW

- **SW**
  - VSI OpenVMS V8.4-2 (current release)

- **HW**
  - rx2800 i4 servers
  - 8 cores pedestal (2x4, OFS)
  - 16 cores rack (2x8, loud)
Windows SW port

- Client-Server concept
- Currently available:
  - Scanning+Analysis on OpenVMS
  - OpenVMS Network Server (data, database)
  - Windows Clients (Evaluator, 3D-Vis, Report Generator)
  - Job Service on Windows (run tasks on a PC, e.g. GPU reconstruction)
Current SW

Server (OpenVMS)

OpenVMS DB

SNS (SCANCO Network Service)

Windows Client

VMS Client

Windows Job Service

GPU reconstruction

VMS reconstruction
Windows SW port

- As of now:
  - Windows-SW-port of basic library done
  - Tests with scanner HW with Windows Scan SW and OpenVMS DB (Windows Client)
  - DB done on Windows (DB incl. webservices)
  - First tests with Windows Scan Software and Windows DB (batch mode scanning)
  - Other windows client SW also runs with Windows Server
Future SW

- VMS Client
- Windows Client
- Web Client
- Mobile Device Client

Server (Windows, [Linux…])

SQL DB

Database Service

File Data Services (Windows, OpenVMS, [Linux…])
Windows SW port

- Current ongoing developments:
  - Windows Scanning Software (GUI)
  - OpenVMS File Data Services
  - Workflow
Current SW

- Current Versions
- Updates/news
Software – Tomography Program

● V6.4 (release this October)
  ✓ Scout view **optionally** backward compatible (distorted)
  ✓ continuous scanning (# stacks depend on resolution settings)
  ✓ e.g. hand scan
    23 stacks
    2345 slices @ 91 μm
    50 minutes
Software – Evaluation Program

- Current version V6.6 (XT and XT II)
- Next version: MUCH faster image loading
Software – Database extensions

● Current version UPAT_LIST V2.0
● Next version: extended types of evaluation:
  ✓ QC1 (including reference values)
  ✓ QC2 (including reference values)
  ✓ QC3 (including reference values)
  ✓ (some) Standard μCT Analysis protocols (non-followup, with group codes)
Software – IPL

- Current version V5.42 (XT II), XT not currently released for standard analysis, but can be installed aside for other protocols
Software – 3D Rendering

- Current version V4.0-4
Software – Backup/Archiving

- Current version V3.1C
- Allows encryption to tapes
- Next version V3.2 to allow NFS access > 2 TB release October 2016
Windows Applications

- Evaluator
- Windows Visualizer
- Report Generator
- New since last year
  - Bug fixes only
- Releases:
  - Released for microCT
  - Some Documentation still missing for medical product (IEC 62304)
GPU Reconstruction

- K40c Nvidia card support (speedup)
- Officially released for XT II
Support

● Still send to support@scanco.ch ONLY! Provide:
  ✓ Scanner-ID
  ✓ Problem description
  ✓ Addtl. information (exact error message, logfiles etc.)
  ✓ Use separate emails for multiple (unrelated) problems

● SSD (Service & Support Desk)
  ✓ Please also let us know when problem is solved
    so we can close case
Thank you!

- Questions?