

SHAUL BILU

◦ DETAILS ◦

0522499765
shaul.bilu@gmail.com

◦ SKILLS ◦

- R&D Management
- FDA Clearance
- Troubleshooting
- Teams Leading
- Medical Regulation
- Project Management
- Patents
- Multitasker, Teamwork

◦ LANGUAGES ◦

- Hebrew - Native Speaker
- English - Fluent

WORK EXPERIENCE

Aspect Imaging, MRI Systems

2006 — Today

◦ (2009-today) Hardware and system design group Manager ◦

- Responsibility of HW (electronics and mechanics) multidisciplinary systems design, for Medical and Pre-Clinical MRI systems.
- System Engineering manager, define technical Requirements HW and SW, specifications, risk management. System Architecture, System problems investigation and troubleshooting. Leading Design Reviews.
- Project leading and management of multi-Nuclei MRI, and PET/MRI (combining third party PET and MRI), for pre-clinical (animal) systems.
- RF coils design for MRI.
- Projects and budget Planning & control.
- Recruiting and managing subcontractors
- Design for FDA clearance.
- Leading Safety and EMC certifications for Medical and Pre-Clinical systems, IEC60601, IEC61010, FCC...
- Experience with V&V and Full system Integration.

◦ (2006-2009) R&D system and RF design Engineer ◦

- RF front end design of Multidisciplinary systems.
- Sub System design with Subcontractors.
- R&D system Integration including Static magnetic fields, RF transmit/Receive system, High Power pulse amplifiers, Software and Mechanics.

Cellcom – Cellular & Transmission Provider

1997 — 2006

◦ (2000-2006) Director of Transmission Planning and Technologies ◦

- Manage Transmission Technology team and Transmission Network Planning.
- Responsibility of Optical and Microwave Wireless transmission network design.
- Technology research.
- Project management of optical and wireless deployment in backbone and access network, with global companies: Ericsson, Alcatel, Ceragon, Nortel..

◦ (1998-2000) Team Leader of Microwave transmission technologies and planning ◦

- Wireless network planning, point to point microwave systems.
- RFI/RFP, implementation of new wireless technologies.
- Regulation affairs with ministry of communications: frequency assignment and licensing, frequency interference.
- Budget planning

◦ (1997-1998) Cellular Radio network design ◦

Elsocint

1990 — 1997

- Design of RF subsystem for MRI scanner
- Board design.
- Integration of new systems at beta sites, and installations.
- Testing for FDA submission

MILITARY SERVICE

o Aircraft Radar systems, IDF

★ 1981-1985

Aircraft Radar systems

- Training of service engineers

Weizmann Institute of Science / ELTA Ashdod

1990 — 1998

- Planar Antenna design, antenna simulations and measurements.

Microstrip antenna project in ELTA

🎓 EDUCATION

o MBA, Business management, Ben Gurion University

2004-2006

o BSc. Electrical Engineering, Ben Gurion University

1985-1989