



**Herman Oosterwijk, MS, MBA, CPC**

**OTech** draws upon experienced professionals that have extensive knowledge and background with implementing health care solutions. Its principal, Herman Oosterwijk, has been successfully involved with Picture Archiving and Communication Systems (PACS) as an engineering and business manager for more than 15 years.

His qualifications include:

- Provides PACS and connectivity consulting services for major vendors in the PACS market as well as end users such as the Mayo clinic, the US Army and Department of Veterans Affairs. Services range from market studies and cost analysis modeling to detailed technical requirement specifications
- Teaches seminars on PACS and on the Digital Imaging and Communications in Medicine (DICOM) standard worldwide on a regular basis; is a well recognized expert and consultant on DICOM.
- Able to provide a “broad perspective” because of his Electrical Engineering and Computer Science (BS), Telecommunications (MSc), and Business (MBA) background. Is certified as a Professional Consultant (CPC).
- Extensive experience with the development of Imaging systems through its employment by major players in this industry (Philips, AT&T, Kodak) as Product Line manager and Project Manager.
- Integrated Radiology Information Systems successfully with imaging equipment using commercially available Interface Engines and Client Server techniques to implement customized protocol translation.
- Chaired the Technical and Regulatory committee of the MEDPACS section of the National Electrical Manufacturers Association (NEMA). Participates in the DICOM standardization effort as part of working group VI, and HL7 standard being member of the Imaging and Integration Special Interest Group.
- Generated technical specifications (RFP's) as well as their responses for major Medical Image Communications (PACS) projects.
- Published extensively and presented papers at many scientific conferences, in the U.S., Europe and Japan related to PACS implementation and standardization issues.

**Professional background:**

**OTECH INC., Dallas, Texas: 1995-current**

President, owner

Consult with vendors as well as end users for Medical Imaging (PACS) applications. Participates in DICOM and HL7 standardization effort. Specializes in connectivity.

**KODAK HEALTH IMAGING SYSTEMS, Dallas, Texas: 1991 - 1995**

Product Line Manager

Responsible for the specification, conceptualization and implementation of Image acquisition and Communication products, including the financial performance, i.e. P&L and Life cycle management.

Program Manager

Responsible for a multi-million dollar business of Medical Image Capture Devices and Printers for Ultrasound systems, directing a multi functional team including engineering, marketing, manufacturing and service.

**AT&T BELL LABORATORIES**

**(Resident for Philips), West Long Branch, New Jersey: 1987 - 1990**

Manager/Technical Liaison

Responsible for specifying and coordinating the technical interfaces from Philips medical acquisition devices to the AT&T Archiving, Communication and Display systems.

**PHILIPS MEDICAL SYSTEMS, Shelton, Connecticut: 1983 - 1987**

Engineering Program Manager

Responsible for the specification, technical coordination, and timely delivery of thoroughly tested Medical Image Communication Systems to the customer.

Senior Programmer/Analyst

Managed a project to provide diagnostic reading of CAT scan images at a central location using wide area networking.

**PHILIPS MEDICAL SYSTEMS, Best, Netherlands: 1978 - 1983**

Software Designer/Analyst

Responsible for the software architecture and supervised up to 8 engineers to implement the image reconstruction software for the Computerized Tomography (CAT scan) System.

**PHILIPS RADAR SYSTEMS, Hengelo, Netherlands: 1975 - 1978**

System Tester

Test and install at customer site the hardware and software of a sophisticated radar system.

**EDUCATION**

**M.B.A. with specialty in International Business, Dallas Baptist University, 1992 - 1994**

**M.S. in Telecommunication Management, Polytechnic University Brooklyn, 1988 - 1990**

**Computer Science, Economic Institute Tilburg, Netherlands, 1979 - 1982**

**B.S. in Electrical Engineering, Technical College Zwolle, Netherlands, 1969 – 1973**

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## **Partial List of most recent U.S. publications/presentations**

- Marco Eichelberg, D. Groenemeyer, Peter Jensch, Klaus Kleber, Herman Oosterwijk, Joerg Riesmeier, Sandra von Gehlen, "DICOM Structured Reporting – a Prototype Implementation," Proceedings of CARS 2001.
- Ken Compton, Bradley Hemminger, Herman Oosterwijk, "Practical Usage of Image Quality Verification Tools," Proceedings of the SPIE 2001.
- Marco Eichelberg, Joerg Holstein, Peter Jensch, Klaus Kleber, Herman Oosterwijk, Joerg Riesmeier, "Consistency of Softcopy and hardcopy: Preliminary Experiences with the New DICOM extensions for Image Display," Proceedings of the SPIE 2000.
- Herman Oosterwijk, "DICOM Basics", published by OTech Inc/Cap Gemini Ernst and Young: ISBN: 90-75498-39-X.
- Herman Oosterwijk, "Pitfalls to avoid when buying a PACS," Diagnostic Imaging June 1997.
- Herman Oosterwijk, "DICOM, Your Guarantee to Interoperability?," Proceedings of the SPIE 1997
- Timothy Averion-Mahloch, Herman Oosterwijk, James E. Przybylowicz, Mark Wofford, "Image Quality, Critical to PACS," Proceedings of the SPIE vol. 1897, 1993.
- Maria A. Durkin, Herman Oosterwijk, James E. Przybylowicz, "Image Quality Issues in a Network Environment," Proceedings of the SPIE vol. 1653, 1992.
- Robert Hindel, Herman Oosterwijk, Ruetger Heu and Dieter Meyer-Ebrecht, "Ten Years of PACS Experience," Proceedings of the SPIE vol. 1093:320-329, 1989.
- Herman Oosterwijk, Terry Rosenbaum and James Siebert, "An Integrated Interhospital Imaging Network," Medica Mundi, 30/3:89-92; also published in 'Computers in Diagnostic Radiology, a book of selected readings,' Charles Thomas, Springfield Ill, 270-280, 1989.
- Steven Horii, Herman Oosterwijk, Yen Wang, et al. "Summary of Compatibility of the ACR-NEMA Imaging and Communication Standard," Proceedings of the SPIE vol. 767:272-280, 1987.
- Herman Oosterwijk, "PACS Implementation, a Tailored Approach," Proceedings of the SPIE vol. 767: 752-757, 1987.
- David Best, Herman Oosterwijk, Yen Wang et al, "Summary of Compatibility of the ACR-NEMA Imaging and Communication Standard," Proceedings of the SPIE vol. 767:819-822, 1987.
- Steven Horii, James Lehr, Herman Oosterwijk, et al, "The ACR-NEMA Magnetic Tape Standard," Proceedings of the SPIE vol. 626:532-540, 1986.
- Herman Oosterwijk, Terry Rosenbaum, and James Siebert, "Software Development Issues for Network Node Equipment," Proceedings of the SPIE vol. 626:610-615, 1986.
- F.W. Gutzwiller, Alicia Giangrande, Herman Oosterwijk, "Practical and Strategic Implementations of the ACR-NEMA Interface Standard," Proceedings of the SPIE 626:515-521, 1986.

*In addition, herman Oosterwijk published more than 50 articles in trade magazines and internal OTech news publications, the text of most of them is available on-line at [www.otechimg.com](http://www.otechimg.com) under "Publications".*