

# MEDICAL DEVICES

A QUARTERLY eBULLETIN FROM THE PEOPLE WHO BRING YOU THE MEDICAL DEVICES EXECUTIVE MINDXCHANGE

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## Recommended Reading:

### Software Veteran Robert Nadler Plugs into the Online Debate

If news, opinions and trends about Medical Device Software is your preference, look no further than Bob. More specifically, [Bob on Medical Device Software](#), the informative blog written since 2007 by Robert Nadler, a medical device software engineer for more than 20 years. San Diego-based Nadler, who has an M.S. in Biomedical Engineering, posts on topics broad as the challenges of developing software for medical devices,

to specialized subjects like software validation vs. verification.

While the design and interface is nothing fancy (Bob keeps it simple with a blue banner and minimal bells/whistles), the writing is well-informed and up-to-date. He even includes guest articles from experts, like Pascal Cuoq from [Farma-C](#), who discusses static analysis for medical device software in a three-part blog series.

Though Bob does not hold back on opinion (he asserts healthcare is not a game changer for the industry), he does support his claims with sturdy facts. One drawback: The blog's comment section also appears to be disabled, so if a healthy interactive debate is what you seek, you may want to keep looking.

Otherwise, Bob's analysis of medical device software-specific topics is spot on and worth a read.

## Bob on Medical Device Software

Software Development and Biomedical Engineering

Blog
About

◀ Guest Article: Static Analysis in Medical Device Software (Part 3) — Formal specifications      To Validate and Verify: Software Issues Solved ▶

### Personal EEG-based Communications Device

Published on March 18, 2010 by Bob in EEG and HCI 0 Comments  
Tags: evoked potentials, g.tec, intenix, p300, vep.

The [IntendiX](#) (by [g.tec](#)) is a BCI device that uses visual evoked potentials to "type" messages on a keyboard.

“ The system is based on visually evoked EEG potentials (VEP/P300) and enables the user to sequentially select

**Recent Posts**

- To Validate and Verify: Software Issues Solved
- Personal EEG-based Communications Device
- Guest Article: Static Analysis in Medical Device Software (Part 3) — Formal specifications
- Why Healthcare IT is Not a Game Changer
- The Challenges of Developing Software for Medical Devices
- Stackoverflow Overflow Update
- The BCIX Prize
- More on the Zeo Personal Sleep Coach
- Depth of Anesthesia Reality Check
- Ch-ch-changes