Alarm Management Consulting

Working with you towards quieter and calmer critical care and telemetry units

Did you know: **90%** of alarms from patient monitoring devices are non-actionable.[1]

Alarm Management Consulting from GE Healthcare helps you limit nuisance alarms and minimize alarm fatigue from critical care environments. Using proven analytical and evaluation tools, including GE Healthcare's proprietary Alarm Spotlight™ analytics application or Alarm Reporting Tool software, our experts guide you on a journey of self-improvement. We educate your team on alarm management, help you adjust your GE Healthcare monitoring devices, and train your staff in practices aimed at reducing alarm fatigue. We have helped numerous organizations create quieter environments where patients can heal and clinicians can focus on care, free of needless stress and distraction.

A data-driven approach to reduce nuisance alarms

Alarm Management Consulting combines effective monitoring and alarming technologies with evidence-based procedures, protocols and staff training, all tailored to your goals. We analyze your alarm history, then recommend changes in equipment settings and work practices and help you develop a plan to implement them. Work proceeds in four phases.

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PHASE 1
- Select the care areas
- Identify the alarm log file sources
- Set the duration of analysis

PHASE 2
- Create a multifunctional alarm team
- Select alarm champions
- Define the alarm management objectives
- Review existing alarm defaults

PHASE 3
- Interpret the GE Healthcare alarm reports
- Educate staff on addressing alarm issues
- Create an alarm management plan and timetable

PHASE 4
- Confirm effective deployment of the analysis and evaluation tools
- Share data measuring improvement
- Provide final recommendations

SCHEDULE YOUR CONSULTATION

Alarm management is a serious issue that calls for prompt attention. Let us help you reduce nuisance alarms and create quiet, comfortable, efficient care environments.

Phase 1: Define the scope

Together, we choose the care areas to be covered and the sources of alarm log files (telemetry or central station) needed for the analysis. We establish the time frame of the analysis (up to 60 days).

Phase 2: Build the foundation

Alarm management touches many functions: nursing, biomedical, risk management, patient care, education, and more. We help you set objectives, create a cross-functional alarm management team (or advise the team you have) and identify champions to lead the initiative. We also review the default settings on all your GE Healthcare monitoring devices.

Phase 3: Analyze and recommend

We help you analyze the data from GE Healthcare alarm tools and recommend appropriate corrections, such as adjusting device default settings to fit your specific clinical practices. Staff education is also essential; it includes live webinar training on the challenges and concepts of alarm management, plus hands-on instruction on:
- Effective use of the EK-Pro alarm algorithm
- Proper skin preparation
- Proper lead placement

In the end, you receive a customized alarm management plan to guide your implementation strategy. Alarm champions learn how to dispense ongoing education to the team.

Phase 4: Measure and report

After three to six months, a follow-up assessment verifies that the alarm management program has been deployed. We also analyze your alarm reports once more, show you the level of improvement, offer further recommendations, and leave behind alarm management education materials.

1. www.aami.org/horizonplus and GE Healthcare Internal study.