

Hazards Assessment Risk Mitigation (HARM)

Fact Sheet



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HARM Philosophy

End Users Are an Integral Part of the HARM Project

They are our clients and the people from whom requirements will be drawn, the people who will influence the design and, ultimately, the people who will reap the benefits of the completed project.

Management Program

It is essential that the project have committed and well-informed user and project team members with a thorough understanding of the project mission, goals, and milestones. In addition, user reviews are used as a tool for removing defects from software products early and efficiently. Reviews are methodical examinations of the product by peers specifically to identify defects and areas where changes are needed.

Technology Revolution

One of the challenges for Emergency Management is staying current with the rapid changes in technology to avoid technology obsolescence. As such, HARM Management and Developers have embarked on a quest to develop and provide decision makers with a tool that will allow them to make timely and appropriate consequence decisions in high stress environments. HARM requires the elicitation of end users to discover their expectations of this technology and to provide them the opportunity to steer system development.

Elicitation Design Process

Elicitation is used for drawing out end user needs, goals, requirements, constraints, priorities, and preferences. Needs are usually vague, implicit (unstated), or described in nontechnical terms. The elicitation process will help end users clarify their needs and will drive developers to provide a product that is tailored to the needs of end users while meeting programmatic requirements. Elicitation will start with available material and build on what is learned through end user feedback. Elicitation has, as a primary goal, knowledge acquisition over a problem domain.

Elicitation techniques used to hone the HARM product to user expectations will include, but are not limited to:

- Interviews and questionnaires
- Workshops
- Brainstorming and idea reduction
- Technical reviews and trade studies

Key Features

No Programming
Required – Based on
MS Office

Currently Certified
as QG1

Easy-to-use
Menu-driven
Process

Uses Industry
Standard Crystal
Reports

Integrated with
Other Processes like
Speedy EAL's

Up to 75% Savings

Fully Documented

HARM IS: An integrated deployable computer system that supports the National Security Technologies (NSTec) mission to plan and prepare for emergencies at the NNSS.

HARM WILL:

- Support the ESOS mission through content management and delivery processes that provide accurate information with efficiency, quality, effectiveness, and timeliness.
- Integrate existing and future data sources to generate facility-specific hazard documents.
- Integrate existing and future data sources to generate real-time event-specific consequence assessment information to assist the ERO decision-makers.
- Allow for intuitive user interface to access, define, and generate required information in a common format suitable to stakeholders' needs.
- Support flexible services on existing and future hardware/software platforms.
- Ensure the authenticity of the content and output products.

It's a New
IDEA

At least an idea
that's time has come!

For more information please contact:

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