



Call for Innovation (CFI) Opportunities for Member Consideration

Objective: The EDGE Network is requesting member collaboration with the General Dynamics C4 Systems Office of Design to augment the Human-Centered Design department's ability to produce 3D product design and visualization.

Requested Innovation: 3D (full-color) rapid prototyping, large format/high-resolution monitors, Computer Aided Industrial Design (CAID), 3D photorealistic visualization, 3D scanning, and digital freehand sketching.

Description: The focus of this Call For Innovation is to solicit products and technologies from EDGE members that would contribute to the development of the Office of Design's Human-Centered Design department. Capabilities desired include, but are not limited to, the following:

- **3D (full-color) rapid prototyping**
- **3D scanning**
- **Computer Aided Industrial Design (CAID)**
- **3D photorealistic visualization**
- **Animation capabilities**
- **Digitized freehand sketching**

The intent of the Office of Design is to provide a complete set of creative, 3D computer-based tools that integrate into current engineering tools, to enhance virtual collaboration with engineering, and to provide a greater customer and/or user experience throughout current and future EDGE initiatives.

Targeted Timelines:

- Confirmation of Interest in CFI no later than 2 March 2010
- Overview/Whitepaper on Technology Concept by 9 March 2010
- One-on-One discussions on technology and capability demo with The EDGE Network Team

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