



 Get Print Book

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition

By Mica R. Endsley



Download



Read Online

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley

The barrage of data overload is threatening the ability of people to effectively operate in a wide range of systems including aircraft cockpits and ground control stations, military command and control centers, intelligence operations, emergency management, medical systems, air traffic control centers, automobiles, financial and business management systems, space exploration, and power and process control rooms. All of these systems need user interfaces that allow people to effectively manage the information available to gain a high level of understanding of what is currently happening and projections on what will happen next. They need systems designed to support situation awareness.

Addressing the information gap between the plethora of disorganized, low-level data and what decision makers really need to know, **Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition** provides a successful, systematic methodology and 50 design principles for engineers and designers seeking to improve the situation awareness of their systems' users based on leading research on a wide range of relevant issues.

See what's new in the Second Edition:

- Significantly expanded and updated examples throughout to a wider range of domains New Chapters: *Situation Awareness Oriented Training* and *Supporting SA in Unmanned and Remotely Operated Vehicles*
- Updated research findings and expanded discussion of the SA design principles and guidelines to cover new areas of development

Mica R. Endsley is a pioneer and world leader in the study and application of situation awareness in advanced systems. Debra G. Jones work is focused on designing large-scale and complex systems to support situation awareness and dynamic decision making. Completely revised and updated, liberally illustrated with actual design examples, this second edition demonstrates how people acquire and interpret information and examines the factors that undermine this process. Endsley and Jones distill their expertise and translate current research into usable, applicable methods and guidelines.

 [**Download** Designing for Situation Awareness: An Approach to ...pdf](#)

 [**Read Online** Designing for Situation Awareness: An Approach t ...pdf](#)

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition

By Mica R. Endsley

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley

The barrage of data overload is threatening the ability of people to effectively operate in a wide range of systems including aircraft cockpits and ground control stations, military command and control centers, intelligence operations, emergency management, medical systems, air traffic control centers, automobiles, financial and business management systems, space exploration, and power and process control rooms. All of these systems need user interfaces that allow people to effectively manage the information available to gain a high level of understanding of what is currently happening and projections on what will happen next. They need systems designed to support situation awareness.

Addressing the information gap between the plethora of disorganized, low-level data and what decision makers really need to know, **Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition** provides a successful, systematic methodology and 50 design principles for engineers and designers seeking to improve the situation awareness of their systems' users based on leading research on a wide range of relevant issues.

See what's new in the Second Edition:

- Significantly expanded and updated examples throughout to a wider range of domains New Chapters: *Situation Awareness Oriented Training* and *Supporting SA in Unmanned and Remotely Operated Vehicles*
- Updated research findings and expanded discussion of the SA design principles and guidelines to cover new areas of development


Mica R. Endsley is a pioneer and world leader in the study and application of situation awareness in advanced systems. Debra G. Jones work is focused on designing large-scale and complex systems to support situation awareness and dynamic decision making. Completely revised and updated, liberally illustrated with actual design examples, this second edition demonstrates how people acquire and interpret information and examines the factors that undermine this process. Endsley and Jones distill their expertise and translate current research into usable, applicable methods and guidelines.

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley Bibliography

- Sales Rank: #536758 in Books
- Published on: 2011-12-19
- Original language: English
- Number of items: 1
- Dimensions: 9.10" h x .70" w x 6.00" l, 1.25 pounds

- Binding: Paperback
- 396 pages

 [Download Designing for Situation Awareness: An Approach to ...pdf](#)

 [Read Online Designing for Situation Awareness: An Approach t ...pdf](#)

Download and Read Free Online Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley

Editorial Review

About the Author

SA Technologies, Marietta, Georgia, USA

Users Review

From reader reviews:

Mark Dunn:

Spent a free time to be fun activity to try and do! A lot of people spent their leisure time with their family, or their own friends. Usually they doing activity like watching television, planning to beach, or picnic in the park. They actually doing ditto every week. Do you feel it? Will you something different to fill your own personal free time/ holiday? Might be reading a book could be option to fill your free of charge time/ holiday. The first thing that you ask may be what kinds of reserve that you should read. If you want to consider look for book, may be the e-book untitled Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition can be excellent book to read. May be it might be best activity to you.

Wesley Binns:

Reading can called thoughts hangout, why? Because if you find yourself reading a book particularly book entitled Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition the mind will drift away trough every dimension, wandering in each and every aspect that maybe not known for but surely might be your mind friends. Imaging every word written in a book then become one web form conclusion and explanation that maybe you never get ahead of. The Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition giving you an additional experience more than blown away your head but also giving you useful data for your better life with this era. So now let us teach you the relaxing pattern the following is your body and mind will be pleased when you are finished examining it, like winning an activity. Do you want to try this extraordinary investing spare time activity?

Jeannine Lawson:

Beside this kind of Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition in your phone, it could give you a way to get nearer to the new knowledge or details. The information and the knowledge you will got here is fresh in the oven so don't always be worry if you feel like an older people live in narrow commune. It is good thing to have Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition because this book offers to your account readable information. Do you sometimes have book but you don't get what it's facts concerning. Oh come on, that will not end up to happen if you have this within your hand. The Enjoyable arrangement here cannot be questionable, similar to treasuring beautiful island. Use you still want to miss it? Find this book as well as read it from now!

Lorna Dews:

You can obtain this *Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition* by visit the bookstore or Mall. Simply viewing or reviewing it might to be your solve trouble if you get difficulties for the knowledge. Kinds of this reserve are various. Not only by written or printed and also can you enjoy this book by e-book. In the modern era including now, you just looking from your mobile phone and searching what your problem. Right now, choose your ways to get more information about your publication. It is most important to arrange yourself to make your knowledge are still update. Let's try to choose appropriate ways for you.

Download and Read Online *Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition* By Mica R. Endsley #F09EQ3UCMYT

Read Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley for online ebook

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley books to read online.

Online Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley ebook PDF download

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley Doc

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley Mobipocket

Designing for Situation Awareness: An Approach to User-Centered Design, Second Edition By Mica R. Endsley EPub