



Command and Control: The Sociotechnical Perspective (Human Factors in Defence)

Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon

[Download now](#)

[Click here](#) if your download doesn't start automatically

Command and Control: The Sociotechnical Perspective (Human Factors in Defence)

Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon

Command and Control: The Sociotechnical Perspective (Human Factors in Defence) Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon

Military command and control is not merely evolving, it is co-evolving. Technology is creating new opportunities for different types of command and control, and new types of command and control are creating new aspirations for technology. The question is how to manage this process, how to achieve a jointly optimised blend of socio and technical and create the kind of agility and self-synchronisation that modern forms of command and control promise. The answer put forward in this book is to re-visit sociotechnical systems theory. In doing so, the problems of 21st century command and control can be approached from an alternative, multi-disciplinary and above all human-centred perspective.

Human factors (HF) is also co-evolving. The traditional conception of the field is to serve as a conduit for knowledge between engineering and psychology yet 21st century command and control presents an altogether different challenge. Viewing military command and control through the lens of sociotechnical theory forces us to confront difficult questions about the non-linear nature of people and technology: technology is changing, from platform centric to network centric; the interaction with that technology is changing, from prescribed to exploratory; and complexity is increasing, from behaviour that is linear to that which is emergent. The various chapters look at this transition and draw out ways in which sociotechnical systems theory can help to understand it.

The sociotechnical perspective reveals itself as part of a conceptual toolkit through which military command and control can be transitioned, from notions of bureaucratic, hierarchical ways of operating to the devolved, agile, self-synchronising behaviour promised by modern forms of command and control like Network Enabled Capability (NEC). Sociotechnical system theory brings with it a sixty year legacy of practical application and this real-world grounding in business process re-engineering underlies the entire book. An attempt has been made to bring a set of sometimes abstract (but no less useful) principles down to the level of easy examples, design principles, evaluation criteria and actionable models. All of these are based on an extensive review of the current state of the art, new sociotechnical/NEC studies conducted by the authors, and insights derived from field studies of real-life command and control. Time and again, what emerges is a realisation that the most agile, self-synchronising component of all in command and control settings is the human.

 [Download Command and Control: The Sociotechnical Perspectiv ...pdf](#)

 [Read Online Command and Control: The Sociotechnical Perspect ...pdf](#)

Download and Read Free Online Command and Control: The Sociotechnical Perspective (Human Factors in Defence) Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon

From reader reviews:

Guillermo Behler:

This Command and Control: The Sociotechnical Perspective (Human Factors in Defence) are generally reliable for you who want to be described as a successful person, why. The explanation of this Command and Control: The Sociotechnical Perspective (Human Factors in Defence) can be one of several great books you must have is giving you more than just simple reading through food but feed you actually with information that probably will shock your earlier knowledge. This book is handy, you can bring it just about everywhere and whenever your conditions throughout the e-book and printed people. Beside that this Command and Control: The Sociotechnical Perspective (Human Factors in Defence) forcing you to have an enormous of experience like rich vocabulary, giving you trial run of critical thinking that we all know it useful in your day activity. So , let's have it appreciate reading.

Martha Robertson:

People live in this new moment of lifestyle always try and and must have the free time or they will get lots of stress from both day to day life and work. So , whenever we ask do people have time, we will say absolutely indeed. People is human not only a robot. Then we consult again, what kind of activity are you experiencing when the spare time coming to an individual of course your answer will probably unlimited right. Then do you ever try this one, reading textbooks. It can be your alternative throughout spending your spare time, the book you have read is actually Command and Control: The Sociotechnical Perspective (Human Factors in Defence).

Amelia Page:

Beside this kind of Command and Control: The Sociotechnical Perspective (Human Factors in Defence) in your phone, it could give you a way to get closer to the new knowledge or data. The information and the knowledge you might got here is fresh from oven so don't be worry if you feel like an aged people live in narrow community. It is good thing to have Command and Control: The Sociotechnical Perspective (Human Factors in Defence) because this book offers for you readable information. Do you sometimes have book but you don't get what it's facts concerning. Oh come on, that wil happen if you have this inside your hand. The Enjoyable arrangement here cannot be questionable, including treasuring beautiful island. Techniques you still want to miss it? Find this book as well as read it from right now!

Harold Fleming:

What is your hobby? Have you heard that question when you got students? We believe that that issue was given by teacher to the students. Many kinds of hobby, Every person has different hobby. And you know that little person like reading or as looking at become their hobby. You have to know that reading is very important and also book as to be the thing. Book is important thing to incorporate you knowledge, except

your own personal teacher or lecturer. You see good news or update regarding something by book. Numerous books that can you choose to use be your object. One of them is actually Command and Control: The Sociotechnical Perspective (Human Factors in Defence).

Download and Read Online Command and Control: The Sociotechnical Perspective (Human Factors in Defence) Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon #B6ORF051EL2

Read Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon for online ebook

Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon 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 Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon books to read online.

Online Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon ebook PDF download

Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon Doc

Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon Mobipocket

Command and Control: The Sociotechnical Perspective (Human Factors in Defence) by Daniel P, Dr Jenkins, Guy H, Dr Walker, Neville A, Professor Stanton, Paul M, Professor Salmon EPub