

1. Record Nr.	UNINA9910973659803321
Titolo	C4ISR for future naval strike groups // Committee on C4ISR for Future Naval Strike Groups ; Naval Studies Board ; Division on Engineering and Physical Sciences ; National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2006
ISBN	9786610742127 9780309185905 0309185904 9781280742125 1280742127 9780309549011 0309549019
Edizione	[1st ed.]
Descrizione fisica	1 online resource (300 p.)
Disciplina	359.3/10973
Soggetti	Command and control systems - United States Naval reconnaissance Military intelligence Military surveillance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""1 The Security Context for Future Naval Forces""; ""2 Principal Naval Missions and C4ISR Impact""; ""3 Architecting and Building the Naval C4ISR System""; ""4 Command-and-Control Systems""; ""5 Computers""; ""6 Communications""; ""7 Intelligence, Surveillance, and Reconnaissance""; ""Appendixes""; ""A Biographies of Committee Members and Staff""; ""B Agendas for Committee Meetings""; ""C Information Assurance""; ""D Some Key ISR Assets, Current and Planned""; ""E Acronyms and Abbreviations""
Sommario/riassunto	The Navy has put forth a new construct for its strike forces that enables more effective forward deterrence and rapid response. A key aspect of this construct is the need for flexible, adaptive command, control,

communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) systems. To assist development of this capability, the Navy asked the NRC to examine C4ISR for carrier, expeditionary, and strike and missile defense strike groups, and for expeditionary strike forces. This report provides an assessment of C4ISR capabilities for each type of strike group; recommendations for C4ISR architecture for use in major combat operations; promising technology trends; and an examination of organizational improvements that can enable the recommended architecture.
