The CISO Handbook: A Practical Guide to Securing Your Company provides unique insights and guidance into designing and implementing an information security program, delivering true value to the stakeholders of a company. The authors present several essential high-level concepts before building a robust framework that will enable you to map the concepts to your company's environment. The book is presented in chapters that follow a consistent methodology — Assess, Plan, Design, Execute, and Report. The first chapter, Assess, identifies the elements that drive the need for infosec programs, enabling you to conduct an analysis of your business and regulatory requirements. Plan discusses how to build the foundation of your program, allowing you to develop an executive mandate, reporting metrics, and an organizational matrix with defined roles and responsibilities. Design demonstrates how to construct the policies and procedures to meet your identified business objectives, explaining how to perform a gap analysis between the existing environment and the desired end-state, define project requirements, and assemble a rough budget. Execute emphasizes the creation of a successful execution model for the implementation of security projects against the backdrop of common business constraints. Report focuses on communicating back to the external and internal stakeholders with information that fits the various audiences. Each chapter begins with an Overview, followed by Foundation Concepts that are critical success factors to understanding the material presented. The chapters also contain a Methodology section that explains the steps necessary to achieve the goals of the particular chapter.

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This is a well-written practical guide to building and delivering an information security improvement programme. Presenting sage advice in a consistent manner, the book is a helpful primer for the person tasked by management with ‘fixing information security’. The book is written by and for those in the front line, not in ivory towers. The three authors each have CISSP and other information security qualifications plus 10 to 20 years’ work experience in information security management, meaning that their advice holds weight. They all combine hands-on with management and/or consulting expertise, meaning that they view information security in a business context.

The primary focus of the book is to guide, advise, encourage and support Chief Information Security Officers (or equivalents) working on their information security improvement programmes. It’s a bit like having a personal trainer at the gym: the trainer points out the aims of the training and suggests how to the trainee might improve his technique, but the trainee must interpret the advice, internalize it and of course put in the hard work to improve.

The book generally avoids making specific recommendations for particular information security controls. The reader is expected to be able to figure out for himself (perhaps using some of the techniques and checklists presented) what the security improvement projects will actually achieve. Instead, it emphasizes the programme management aspects. This approach is more broadly applicable since each organization’s information security needs differ. There are numerous other books and standards describing best practice security controls, but few address the overall planning.

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