

Contents

ABOUT THE AUTHORS	xiii
OTHER BOOKS BY AUTHORS	xv
FOREWORD	xvii
PREFACE	xxi
WHO SHOULD READ THIS BOOK?	xxv
ACKNOWLEDGMENTS	xxix
INTRODUCTION	xxxi

CHAPTER 1 Security Metrics Management Program—An Overview	1
Introduction	1
First Steps in the Development of an SMMP	2
Questions Concerning Data Collection	8
SMMP Chart Designs	10
Using Technology to Deliver Metrics Data	10
Quality and Oversight	11
Security Metrics and Processes	12
Cost-Avoidance Metrics	13
Using Metrics Charts for Management Briefings	13
Sequence of SMMP Charts for Management Briefings	14
SMMP and Executive Management	16
Using Metrics to Determine Success	17
Summary	18

CHAPTER 2 Corporate Assets Protection Program	19
Introduction	19
The CAPP and Other Drivers, Plans, and Their Flowcharts	20
CAPP Data Collection and Security Metrics Management	21
Is the CAPP Working as Planned?	21
Is It Effective?	22
How Much Does It Cost?	23
How Can It Be Done Better?	24
How Can It Be Done Cheaper?	24

Case Study	25
Summary	26
CHAPTER 3 Personnel Security	27
Introduction	27
Pre-Employment and Background Investigations	27
Pre-Employment and Background Investigations Drivers and Flowcharts	28
Sample Pre-Employment and Background Investigations Metrics Charts	29
Workplace Violence	34
Case Study.....	36
Summary	37
CHAPTER 4 Information Security	39
Introduction	39
Three Basic Categories of Information.....	39
Security Drivers	40
Information Security Process Flowcharts	40
What, When, Who, Where, How of Data Collection.....	42
A Case Study	43
Summary	45
CHAPTER 5 Security Compliance Audits.....	47
Introduction	47
SCA Drivers and Flowcharts.....	48
SCA Metrics.....	48
The Who, How, Where, When, Why, and What of SCA Metrics Tracking	51
SCA Case Study.....	53
Summary	54
CHAPTER 6 Security Education and Awareness.....	55
Introduction	55
SEAP Drivers and Flowcharts.....	56
SEAP Metrics	56
Sample SEATP Metrics Charts	58
Data Collection and Metrics Management	59
SEAP Case Study	61
Summary	63
CHAPTER 7 Surveys and Risk Management	65
Introduction	65
Surveys and Risk Management Drivers and Flowcharts.....	66
The Who, How, Where, When, Why, and What of Surveys and Risk Management Metrics Tracking	66

Case Study	67
Introduction	68
Why Develop a Threat Method?	68
The Threat Problem.....	68
Preliminary Research.....	69
Summary.....	71
 CHAPTER 8	
Contingency Planning.....	73
Introduction.....	73
Contingency Planning Drivers and Flowcharts.....	75
Examples of Contingency Planning Metrics' Measurement Tools..	79
Contingency Planning Case Study	81
Summary.....	82
 CHAPTER 9	
The Guard Force	83
Introduction.....	83
Guard Force Security Drivers and Flowcharts	85
Guard Force Metrics Charts Examples	85
Guard Force Case Study	86
Summary.....	89
 CHAPTER 10	
Technical Security Systems	91
Introduction	91
TSS Flowcharts	91
TSS Metrics	92
Surveillance Systems.....	97
TSS Case Study	98
Summary	99
 CHAPTER 11	
Locks and Keys	101
Introduction	101
Locks and Keys Drivers and Flowcharts	102
Locks and Keys Examples of Security Metrics	103
Lock and Key Case Study	103
Summary	105
 CHAPTER 12	
Fire Protection	107
Introduction	107
Fire Protection Drivers and Flowcharts	108
FP&S Metrics Examples	109
Case Study—Outsourcing Fire Prevention and/or Suppression....	112
Summary	113
 CHAPTER 13	
Event Security	115
Introduction	115

Event Security Drivers and Flowcharts.....	115
Event Security Metrics	116
Event Security Case Study	117
Summary	117
CHAPTER 14	
Executive Protection.....	119
Introduction	119
Executive Protection Drivers and Flowcharts	121
Executive Protection Examples of Metrics	121
Executive Protection Case Study.....	123
Summary	124
CHAPTER 15	
Investigations and Noncompliance Inquiries	125
Introduction	125
Investigations and NCI Drivers and Flowcharts.....	125
Investigations and NCI Examples of Metrics.....	126
Investigations and NCI Case Study	128
Summary	130
CHAPTER 16	
Government Security.....	131
Introduction	131
Government Security Drivers and Flowcharts	133
Government Security Examples of Metrics	134
Government Security Case Study	134
Summary	135
CHAPTER 17	
Information Systems Security	137
Introduction	137
InfoSec Drivers and Flowcharts	138
InfoSec Case Study.....	138
Summary	139
CHAPTER 18	
Mergers, Acquisitions, or Divestitures Security.....	141
Introduction	141
MAD Security Drivers, Flowcharts, and Checklists	142
MAD—Examples of Metrics	143
Checklists	144
MAD Case Study.....	147
Summary	148
CHAPTER 19	
Outsourcing	149
Introduction	149
Outsourcing Drivers and Flowcharts	150
Outsourcing Examples of Metrics	151
Post-Contract Award	153