CONTENTS

ABOUT THE AUTHOR FOREWORD ACKNOWLEDGEMENTS					
			1	THE DATA-KNOWLEDGE CRUNCH	1
				Introduction	1
	The data and information explosion	2			
	The failure to turn data into mission-critical insights	3			
	Investment in business intelligence	6			
	Evidence-based management	9			
	Conclusions	12			
2	THE EVIDENCE-BASED MANAGEMENT				
	MODEL	13			
	Introduction	13			
	Evidence-based medicine	15			

viii CONTENTS

The scientific method	15
The EbM model explained	16
Conclusions	20

21

3 IDENTIFYING OBJECTIVES AND INFORMATION NEEDS

21 Introduction How a police 'SWAT' team uses EbM 22 Step 1 - sub-step one: what do we need to know? 25 Strategic performance management frameworks 30 A strategy map as a hypothesis 50 Who needs to know what, when and why? 52 What are the most important unanswered questions? 54 Ten steps for creating good KPQs and KAQs 58 Conclusions 63

CTING THE RIGHT DATA	65
tion	65
formance indicators and building evidence	67
ng the right data	69
evidence and what is data?	70
lection methodologies	71
tive data collection methods	72
ve data techniques	78
oth quantitative and qualitative data	83
data collection part of the job	84
g people in data collection	87
g meaning to data	89
ty and validity	93
; the data collection process	94
	tion formance indicators and building evidence ing the right data evidence and what is data? lection methodologies tive data collection methods ive data techniques oth quantitative and qualitative data data collection part of the job g people in data collection g meaning to data ty and validity g the data collection process

••••	(CONTENTS	ix
	The role of IT infrastructure and applications in	the	
	collection of data	96	
	Conclusions	100	
5	ANALYSE THE DATA AND GAIN INSIGH	TS 101	
	Introduction	101	
	Data analysis	104	
	Budgeting and planning	112	
	Reporting and consolidation	113	
	Value-driver modelling	113	
	Experimentation	117	
	Role of IT infrastructure and applications in		
	analysing data	129	
	Conclusions	132	
6	PRESENT AND COMMUNICATE		
-	THE INFORMATION	135	
	Introduction	135	
	How to get the attention of decision makers	137	
	Publishing analogies	138	
	Guidance for presenting information	144	
	The role of IT infrastructure and applications in	L	
	presenting information	151	
	Conclusions	160	
7	TURNING INFORMATION INTO		
,	ACTIONABLE KNOWLEDGE	163	
	Introduction	163	
	Ensure that the available evidence is used to ma	ke	
	the best decisions	167	
	Turning knowledge into action	172	

x CONTENTS

	The knowing doing gap Conclusions	173 188
8	CONCLUSION AND ACTION CHECKLIST	189
	Introduction	189
	Action checklist	193
	Final words	207
REFERENCES		209
INDEX		213