

# Contents

Author's Note ix

Preface xi

Acknowledgments xv

1 Introduction 1

2 Communication Networks and Their Architectures 13

3 Securing the Internet Is Difficult 37

4 Wiretaps and the Law 65

5 The Effectiveness of Wiretapping 97

6 Evolving Communications Technologies 123

7 Who Are the Intruders? What Are They Targeting? 145

8 Security Risks Arising from Wiretapping Technology 175

9 Policy Risks Arising from Wiretapping 203

10 Communication during Crises 225

11 Getting Communications Security Right 233

Epilogue 255

Notes 257

Bibliography 339

Index 345