

# Contents

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>Summary and Discussion</b>  | <b>1</b>  |
|          | Congressional Request and Scope of the Study                         | 6         |
|          | The Communications Assistance for Law Enforcement Act (P.L. 103-414) | 7         |
|          | Principal Features of the Act  | 8         |
|          | Law Enforcement's Requirements for Electronic Surveillance           | 15        |
|          | Findings and Observations  | 24        |
| <b>2</b> | <b>Technical Aspects of Electronic Surveillance</b>                  | <b>29</b> |
|          | Technologies   | 33        |
|          | Switch-Base Solutions  | 35        |
|          | Wireless Technologies  | 41        |

## APPENDICES

|          |   |           |
|----------|---|-----------|
| <b>A</b> | <b>Section-by-Section Summary of the Communications Assistance for Law Enforcement Act Public Law 103-414</b> | <b>63</b> |
| <b>B</b> | <b>Electronic Surveillance Requirements Keyed to P.L. 103-414</b>   | <b>67</b> |
| <b>C</b> | <b>Related OTA Reports for Further Reading</b>  | <b>69</b> |

|  |                 |           |
|--|-----------------|-----------|
|  | <b>Glossary</b> | <b>71</b> |
|--|-----------------|-----------|

