



Telecommunications (Security) Act 2021

2021 CHAPTER 31

An Act to make provision about the security of public electronic communications networks and public electronic communications services. [17th November 2021]

BE IT ENACTED by the Queen's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:—

Duties of providers of public electronic communications networks and services

1 Duty to take security measures

- (1) The Communications Act 2003 is amended as follows.
- (2) For sections 105A to 105D substitute—

“105A Duty to take security measures

- (1) The provider of a public electronic communications network or a public electronic communications service must take such measures as are appropriate and proportionate for the purposes of—
 - (a) identifying the risks of security compromises occurring;
 - (b) reducing the risks of security compromises occurring; and
 - (c) preparing for the occurrence of security compromises.
- (2) In this Chapter “security compromise”, in relation to a public electronic communications network or a public electronic communications service, means—
 - (a) anything that compromises the availability, performance or functionality of the network or service;

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Changes to legislation: There are currently no known outstanding effects for the Telecommunications (Security) Act 2021. (See end of Document for details)

- (b) any unauthorised access to, interference with or exploitation of the network or service or anything that enables such access, interference or exploitation;
 - (c) anything that compromises the confidentiality of signals conveyed by means of the network or service;
 - (d) anything that causes signals conveyed by means of the network or service to be—
 - (i) lost;
 - (ii) unintentionally altered; or
 - (iii) altered otherwise than by or with the permission of the provider of the network or service;
 - (e) anything that occurs in connection with the network or service and compromises the confidentiality of any data stored by electronic means;
 - (f) anything that occurs in connection with the network or service and causes any data stored by electronic means to be—
 - (i) lost;
 - (ii) unintentionally altered; or
 - (iii) altered otherwise than by or with the permission of the person holding the data; or
 - (g) anything that occurs in connection with the network or service and causes a connected security compromise.
- (3) But in this Chapter “security compromise” does not include anything that occurs as a result of conduct that—
- (a) is required or authorised by or under an enactment mentioned in subsection (4);
 - (b) is undertaken for the purpose of providing a person with assistance in giving effect to a warrant or authorisation that has been issued or given under an enactment mentioned in subsection (4);
 - (c) is undertaken for the purpose of providing a person with assistance in exercising any power conferred by or under prison rules; or
 - (d) is undertaken for the purpose of providing assistance to a constable or a member of a service police force (acting in either case in that capacity).
- (4) The enactments are—
- (a) the Investigatory Powers Act 2016;
 - (b) Part 1 of the Crime and Courts Act 2013;
 - (c) the Prisons (Interference with Wireless Telegraphy) Act 2012;
 - (d) the Regulation of Investigatory Powers Act 2000;
 - (e) the Regulation of Investigatory Powers (Scotland) Act 2000;
 - (f) the Intelligence Services Act 1994;
 - (g) any other enactment (whenever passed or made) so far as it—
 - (i) makes provision which is in the interests of national security;
 - (ii) has effect for the purpose of preventing or detecting crime or of preventing disorder; or

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(iii) makes provision which is in the interests of the economic well-being of the United Kingdom so far as those interests are also relevant to the interests of national security.

(5) In this section—

“connected security compromise” means—

- (a) in relation to a public electronic communications network, a security compromise that occurs in relation to another public electronic communications network or a public electronic communications service;
- (b) in relation to a public electronic communications service, a security compromise that occurs in relation to a public electronic communications network or another public electronic communications service;

“crime” and “detecting crime” have the same meanings as in the Investigatory Powers Act 2016;

“prison rules” means any rules made under—

- (a) section 47 of the Prison Act 1952;
- (b) section 39 of the Prisons (Scotland) Act 1989; or
- (c) section 13 of the Prison Act (Northern Ireland) 1953;

“service police force” means—

- (a) the Royal Navy Police;
- (b) the Royal Military Police; or
- (c) the Royal Air Force Police;

“signal” has the same meaning as in section 32.

105B Duty to take specified security measures

- (1) The Secretary of State may by regulations provide that the provider of a public electronic communications network or a public electronic communications service must take specified measures or measures of a specified description.
- (2) A measure or description of measure may be specified only if the Secretary of State considers that taking that measure or a measure of that description would be appropriate and proportionate for a purpose mentioned in section 105A(1).
- (3) In this section “specified” means specified in the regulations.
- (4) Nothing in this section or regulations under it affects the duty imposed by section 105A.”

(3) In section 151 (interpretation of Chapter 1 of Part 2) at the appropriate place in subsection (1) insert—

““security compromise”, in relation to a public electronic communications network or a public electronic communications service, has the meaning given by section 105A;”.

Commencement Information

II S. 1 in force at Royal Assent for specified purposes, see **s. 28(1)(a)**

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2 Duty to take measures in response to security compromises

After section 105B of the Communications Act 2003 insert—

“105C Duty to take measures in response to security compromises

- (1) This section applies where a security compromise occurs in relation to a public electronic communications network or a public electronic communications service.
- (2) The provider of the network or service must take such measures as are appropriate and proportionate for the purpose of preventing adverse effects (on the network or service or otherwise) arising from the security compromise.
- (3) If the security compromise has an adverse effect on the network or service, the provider of the network or service must take such measures as are appropriate and proportionate for the purpose of remedying or mitigating that adverse effect.

105D Duty to take specified measures in response to security compromise

- (1) The Secretary of State may by regulations provide that, where a security compromise of a specified description occurs in relation to a public electronic communications network or a public electronic communications service, the provider of the network or service must take specified measures or measures of a specified description.
- (2) A measure or description of measure may be specified under subsection (1) only if the Secretary of State considers that taking that measure or a measure of that description would be appropriate and proportionate for the purpose of preventing adverse effects (on the network or service or otherwise) arising from a security compromise of the specified description.
- (3) The Secretary of State may by regulations provide that, where a security compromise occurs in relation to a public electronic communications network or a public electronic communications service and has an adverse effect of a specified description on the network or service, the provider of the network or service must take specified measures or measures of a specified description.
- (4) A measure or description of measure may be specified under subsection (3) only if the Secretary of State considers that taking that measure or a measure of that description would be appropriate and proportionate for the purpose of remedying or mitigating an adverse effect of the specified description.
- (5) In this section “specified” means specified in the regulations.
- (6) Nothing in this section or regulations under it affects the duty imposed by section 105C.”

Commencement Information

I2 S. 2 in force at Royal Assent for specified purposes, see [s. 28\(1\)\(a\)](#)

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3 Codes of practice about security measures etc

After section 105D of the Communications Act 2003 insert—

“105E Codes of practice about security measures etc

The Secretary of State may—

- (a) issue codes of practice giving guidance as to the measures to be taken under sections 105A to 105D by the provider of a public electronic communications network or a public electronic communications service;
- (b) revise a code of practice issued under this section and issue the code as revised;
- (c) withdraw a code of practice issued under this section.

105F Issuing codes of practice about security measures

- (1) Before issuing a code of practice under section 105E the Secretary of State—
 - (a) must publish a draft of—
 - (i) the code; or
 - (ii) where relevant, the revisions of the existing code;
 - (b) must consult the following about the draft—
 - (i) OFCOM;
 - (ii) providers of public electronic communications networks to whom the draft would apply;
 - (iii) providers of public electronic communications services to whom the draft would apply; and
 - (iv) such other persons as the Secretary of State considers appropriate; and
 - (c) may make such alterations to the draft as the Secretary of State considers appropriate following the consultation.
- (2) Before issuing a code of practice under section 105E the Secretary of State must also lay a draft of the code before Parliament.
- (3) If, within the 40-day period, either House of Parliament resolves not to approve the draft of the code, the code may not be issued.
- (4) If no such resolution is made within that period, the code may be issued.
- (5) If the code is issued, the Secretary of State must publish it.
- (6) A code of practice comes into force at the time of its publication under subsection (5), unless it specifies a different commencement time.
- (7) A code of practice may—
 - (a) specify different commencement times for different purposes;
 - (b) include transitional provisions and savings.
- (8) In this section, the “40-day period”, in relation to a draft of a code, means the period of 40 days beginning with the day on which the draft is laid before Parliament (or, if it is not laid before each House of Parliament on the same day, the later of the 2 days on which it is laid).