

<b>Title</b>	<b>Develop own professional and technical knowledge and identify emerging or converging electronic security technologies</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard covers knowledge and skill for people engaged in installation, maintenance, and management of electronic security systems and networks.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– enhance personal, professional, and technical knowledge of the electronic security industry; and</li> <li>– demonstrate knowledge of emerging or converging technologies that may be applied in the New Zealand electronic security industry.</li> </ul>
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<b>Classification</b>	Electronic Engineering > Electronic Security
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard is developed for learning and assessment off-job or on-job.
- 2 Persons working or intending to work in the security industry may require a Security Guards Licence or, if an employee of a Security Guard Licence holder, a Certificate of Approval to be the Responsible Employee of a Security Guard. These licences are issued by the Private Security Personnel Licensing Authority available through: [www.justice.govt.nz/tribunals/licences-certificates/pspla/](http://www.justice.govt.nz/tribunals/licences-certificates/pspla/).
- 3 Definitions
 

*Converging technology* – any existing technologies that are integrated to provide a new service including convergence of any previously separately existing technologies that now share resources and interact with each other.

*Emerging technology* – any technology that is at the development stage, or in early stages of production and in use overseas but may not yet be widely used in New Zealand.

*Industry practice* – practice used and recommended by organisations involved in the electrotechnology industry.

*Safe working practices* – work practices designed to prevent personal injuries and damage to equipment and plant. This includes practices relating to personal attire and use of safety clothing and equipment, use of machinery and tools, and handling of materials and waste.

- 4 Range
- a Candidates may refer to current legislation and Standards during assessment.
  - b Demonstration of safe working practices in accordance with *safe and sound practice* are essential components of assessment of this unit standard.
  - c All activities and evidence presented for all outcomes and performance criteria in this unit standard must be in accordance with:
    - i legislation;
    - ii policies and procedures;
    - iii ethical codes;
    - iv Standards;
    - v applicable site, enterprise, and industry practice; and,
    - vi where appropriate, manufacturer instructions, specifications, and data sheets.

## Outcomes and performance criteria

### Outcome 1

Enhance personal, professional, and technical knowledge of the electronic security industry.

#### Performance criteria

- 1.1 Identify and take opportunities to enhance personal, professional, and technical knowledge.
- Range may include but is not limited to – conferences, trades shows, internal and external training courses, meetings, books, brochures, manuals, surveys, webinars; documented evidence of three is required.
- 1.2 Explain how non-sensitive professional and technical information is exchanged and how it can enhance personal and business performance.

### Outcome 2

Demonstrate knowledge of emerging or converging technologies that may be applied in the New Zealand electronic security industry.

#### Performance criteria

- 2.1 Identify and provide a brief overview of two emerging or converging technologies that may impact the electronic security industry.
- 2.2 Describe an emerging or converging technology that may affect existing electronic security systems.
- Range purpose, features offered, how the technology will impact on and/or integrate with existing services.
- 2.3 Explain how an emerging or converging technology could improve business and/or provide a service benefit.

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<b>Planned review date</b>	31 December 2023
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	24 January 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact The Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.