

Date: 14 March 2017

Item: Cyber Security Update

This paper will be considered in public

1 Summary

- 1.1 This paper provides a status update to our cyber security programme.
- 1.2 A paper is included on Part 2 of the agenda which contains exempt supplemental information and documentation. Subject to the decision of the Committee, this paper is exempt and is therefore not for publication to the public or press by virtue of paragraph 7 of Schedule 12A of the Local Government Act 1972 in that it contains information relating to action which might be taken in relation to prevention, investigation or prosecution of a crime.

2 Recommendation

- 2.1 **That the Committee is asked to note the paper and the related supplemental information provided on Part 2 of the agenda.**

3 Background

- 3.1 All businesses rely on digital technologies. Their use exposes organisations to risks in three broad ways:
 - (a) Disruption of operations: Attacks on organisations' systems, including transport, have been attempted, sometimes successfully. Attacks to overwhelm web services, known as Distributed Denial of Service, happen relatively frequently and have disrupted very large service providers. In some cases, disruption has also been caused directly to core operations.
 - (b) Theft of money: Attacks on banking systems are common and are usually thwarted by globally agreed security standards. Nevertheless, banks have faced large attacks on their cash machine networks, and their operations.
 - (c) Theft of confidential data, including personal data: This is probably the most publicised area, with successful large scale attacks, leading to customer details being compromised.

We have developed a model and cyber security principles to mitigate such risks. The principles and current work are described in Part 2 of this paper.

List of appendices to this paper:

Exempt supplemental information is included in a paper on Part 2 of the agenda.

List of Background Papers:

None

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