

# Information and Network Security

## 6G6Z1012

Joshua Michael Ephraim Bridge  
14032908  
joshua.m.bridge@stu.mmu.ac.uk

December 12, 2017

## Contents

<b>1</b>	<b>Ransomware review</b>	<b>2</b>
1.1	CryptoWall . . . . .	2
1.2	Petya and Mischa . . . . .	2
1.3	Locky . . . . .	2
1.4	Cerber . . . . .	2
<b>2</b>	<b>Ransomware design</b>	<b>3</b>

# 1 Ransomware review

## 1.1 CryptoWall

CryptoWall was one of the largest ransomwares in recent years, with its highest popularity in 2014. Losses as a result of CryptoWall attacks in 2014 alone totalled around \$14 million (FBI 2014)

## 1.2 Petya and Mischa

Ransomware-as-a-service (RaaS)

## 1.3 Locky

## 1.4 Cerber

Ransomware-as-a-service (Raas)

## 2 Ransomware design

## References

FBI (2014), ‘Fbi warns public of cryptowall ransomware schemes’.

**URL:** *<https://www.fbi.gov/contact-us/field-offices/sandiego/news/press-releases/fbi-warns-public-of-cryptowall-ransomware-schemes>*