

# 資料外洩防護管理工作坊

## (Data Loss Prevention, DLP)

2022年12月14日 (星期三)

下午3:00 - 4:30

以Zoom方式在線進行

# What is DLP (防止資料外洩) ?

**DLP makes sure that users DO NOT  
save/copy/send/print/capture  
sensitive or critical information  
OUT of the company**

# What is DLP (防止資料外洩) ?

- ❖ DLP = Data Loss Prevention
- ❖ Data Backup?
- ❖ Encryption?
- ❖ Hacker?

# 敏感資料

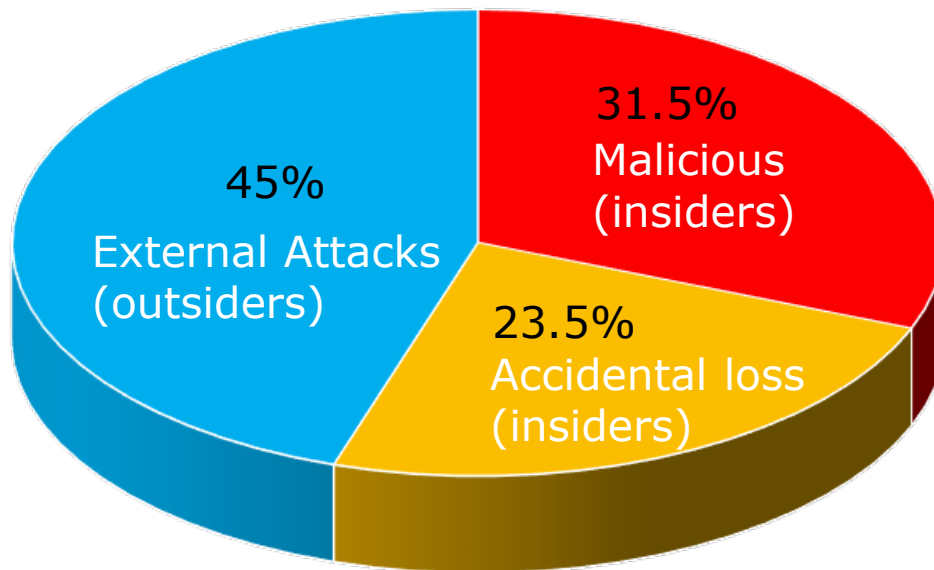
- ❖ 個人資料、機構文件、以至CCTV片段
- ❖ 例如社工常有機會接觸服務使用者的個人資料
- ❖ 人事部員工必需處理所有同事的個人及薪酬資料
- ❖ 會計部員工需要管理機構的財務資料
- ❖ 保安部員工需要管理CCTV系統、以至導出片段

# 新的挑戰

- ❖ 科技高速發展，資訊更快傳送
- ❖ 疫情下遙距工作成新常態，機構同工在辦公室以外處理工作
- ❖ 近年亦不時發生因不小心、惡意或不當處理及傳送檔案造成資料外洩的個案
- ❖ 很容易透過不同渠道將資料帶走(如:打印、外置硬碟儲存、互聯網、電郵、即時通訊程式傳送、截屏、使用手機拍照或錄影等)

# Security surveys

- Insider Threats Outrank External Attacks
  - **55% (Insiders) VS 45% (Outsiders)**



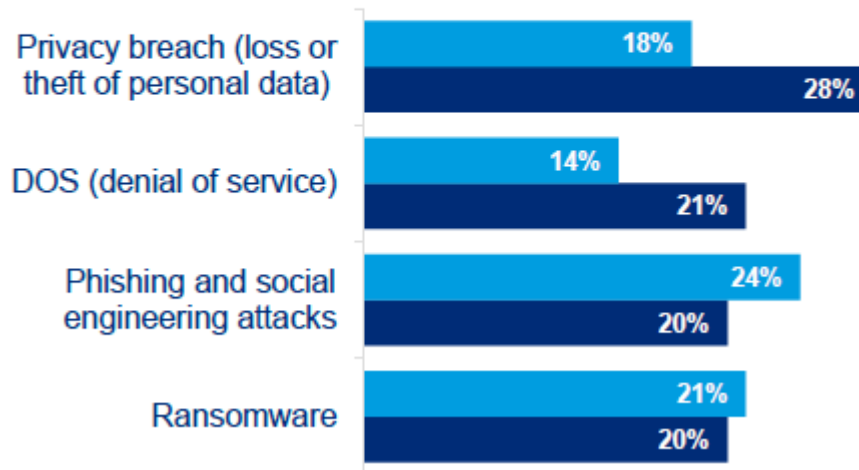
- Insider breach should be higher than 55%
- Because it is not easy to discover insider copies information to external devices

# Security surveys

- Asia companies have experienced more privacy breaches

## 03 | Top cyberattacks experienced

■ Global ■ Asia



- 64% Respondents that reported their organization being impacted by cyberattacks

(vs. 59% globally)

Data From "Marsh-Microsoft Report - The State of Cyber Resilience 2022"

Source: <https://www.marsh.com/es/en/services/cyber-risk/insights/the-state-of-cyber-resilience.html>

# Data leakage incidents

香格里拉客戶資料外洩 私隱公署：涉逾29萬香港客戶

2022-10-01 HKT 18:09

推介 1

分享工具



- 個人資料私隱專員公署表示，就香格里拉集團資料外洩事故展開循規審查，公署留意到可能超過29萬名香港客戶個人資料受影響，香格里拉知悉事故後超過兩個月才正式向公署通報並通知相關客戶，公署對此表示失望。

# Data leakage incidents

## 再有中國民眾個人資料外洩 涉 8 億 條容貌特徵車牌資訊

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2022-08-31



- 繼今年6月上海公安資料庫外洩，超過10億條市民的個人資料流出，日前中國再爆出另一單重大個人資料外洩的事件。報導指外洩的資料庫內有超過8億條市民的個人資料，包括大量面容特徵和車牌，已經在網絡流傳好幾個月，到8月才慢慢消失，跟6月爆出的外洩事件同樣是人為失誤導致。

# 對機構影響

## ❖ 機構形象

- ❖ 影響政府、公眾和捐款人對機構的觀感

## ❖ 符合規例或守則，法律責任風險

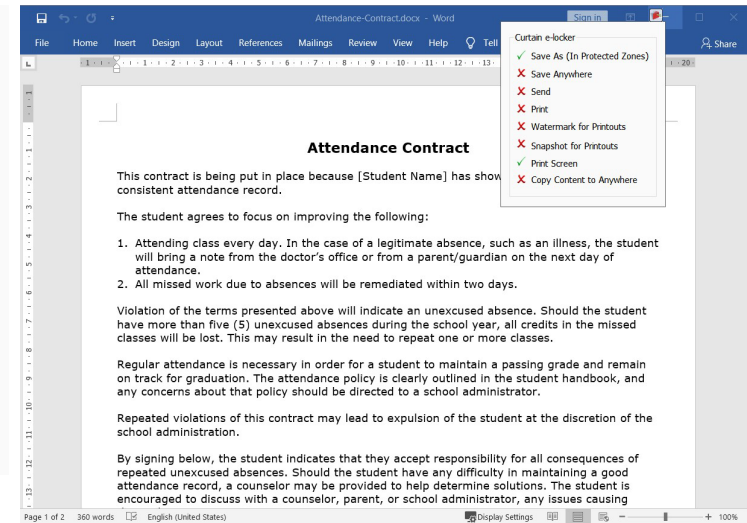
- ❖ PDPO 《個人資料(私隱)條例》
- ❖ General Data Protection Regulation (GDPR)

# Our solutions

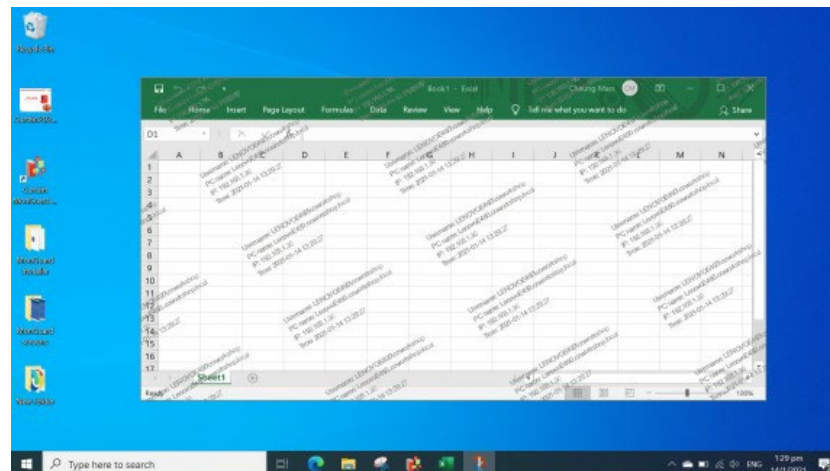
## Curtain e-locker DLP 防止資料外洩解決方案

### Curtain e-locker

- ✓ Save As (In Protected Zones)
- ✗ Save Anywhere
- ✗ Send
- ✗ Print
- ✗ Watermark for Printouts
- ✗ Snapshot for Printouts
- ✗ Print Screen
- ✗ Copy Content to Anywhere

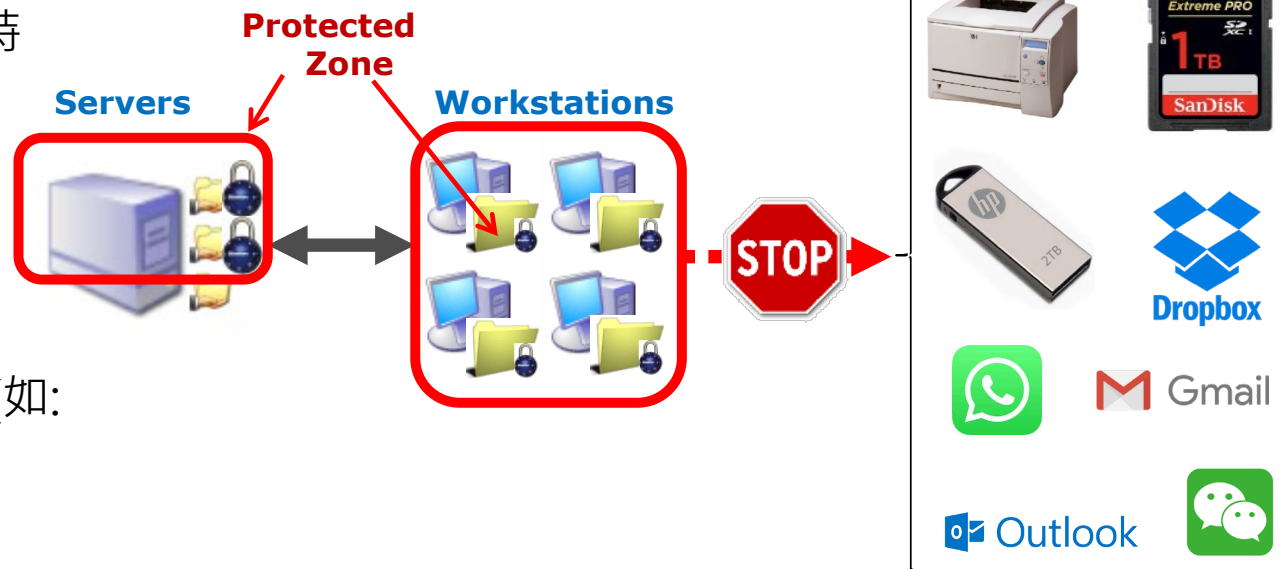


## Curtain MonGuard 顯示屏幕水印



# Curtain e-locker DLP 防止資料外洩系統

- 防止員工在使用資料時將資料帶走
- 文件使用 / 打印記錄
- 可以保護不同系統 (如: CRM、ERP、CCTV)



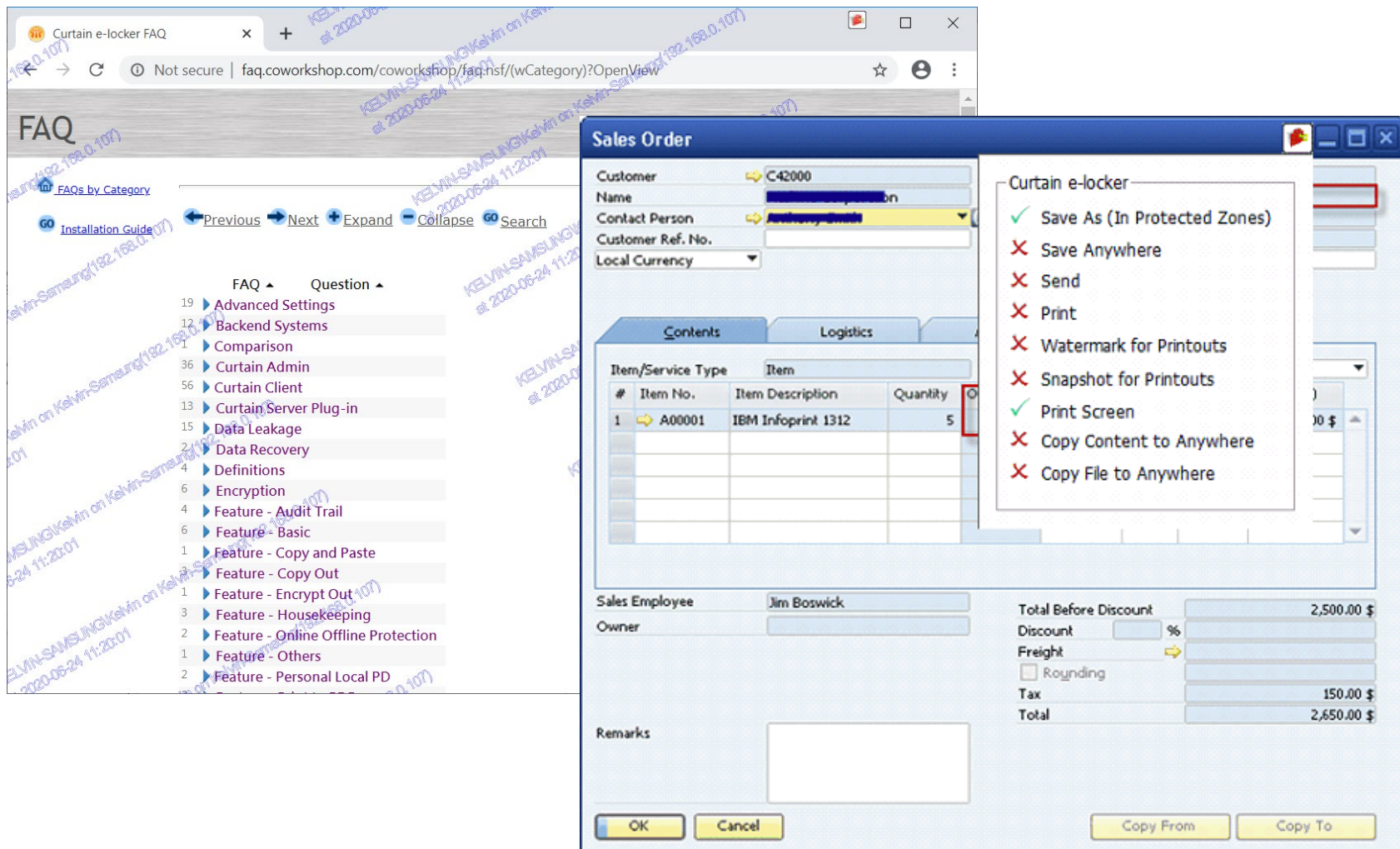


# Demo

(Protection for share drives)

# Secure Self-developed System

Curtain e-locker can be easily integrated with your own systems to secure the information, no matter it is web-based or legacy rich-client system



The screenshot displays a web browser window with the URL `faq.coworkshop.com/coworkshop/faq.nsf/(wCategory)?OpenView`. The page title is "FAQ" and it includes a search bar and navigation links. A "Sales Order" window is open over the FAQ page, showing customer details and a table of items.

**Sales Order Details:**

- Customer: C42000
- Name: [Redacted]
- Contact Person: [Redacted]
- Customer Ref. No.: [Redacted]
- Local Currency: [Redacted]

**Item/Service Type Table:**

#	Item No.	Item Description	Quantity
1	A00001	IBM Infoprint 1312	5

**Security Overlay (Curtain e-locker):**

- ☒ Save As (In Protected Zones)
- ☒ Save Anywhere
- ☒ Send
- ☒ Print
- ☒ Watermark for Printouts
- ☒ Snapshot for Printouts
- ☒ Print Screen
- ☒ Copy Content to Anywhere
- ☒ Copy File to Anywhere

**Sales Order Summary:**

- Sales Employee: Jim Boswick
- Owner: [Redacted]
- Total Before Discount: 2,500.00 \$
- Discount: %
- Freight: [Redacted]
- Rounding: ☐
- Tax: 150.00 \$
- Total: 2,650.00 \$

Buttons: OK, Cancel, Copy From, Copy To



# Demo

(Protection for web-based system)

# Secure CCTV Surveillance System



## Snapshot

With Curtain e-locker:

- Controlled by user's policy
- On-screen watermark with login user info



## Take Video by Cell Phone

With Curtain e-locker:

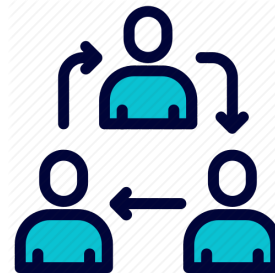
- On-screen watermark with login user info
- Prevent users to share CCTV video with public



## Export

With Curtain e-locker:

- Controlled by user's policy
- Can save/export, but ONLY in Protected Zone



## Distribute

With Curtain e-locker:

- Controlled by user's policy
- Can share CCTV video in the company ONLY

# Demo

(Protection for CCTV system)

# DLP Solutions in the Market

- ❖ Channels / Devices Control
- ❖ Rule-base (scanning content)
- ❖ File-base Control
- ❖ Curtain e-locker DLP

# Channels / Devices Control

- ❖ Too many channels
- ❖ Need to implement different solutions to block different channels
- ❖ Lower user productivity



# Rule-base (scanning content)

- ❖ Define Patterns of sensitive data, Discover and Control
- ❖ Not easy to define the Patterns
- ❖ Threshold (score to trigger)
- ❖ Take action

# File-base Control

- ❖ Control how users use a file
- ❖ More like a DRM, not DLP
- ❖ Document Owner is the King
- ❖ Only support a few applications

# Curtain e-locker DLP

- ❖ No need to scan and discover sensitive information
- ❖ A complete solution
- ❖ Easy to implement & use
- ❖ Able to protect different systems

# A complete solution

Curtain e-locker is a **Data Loss Prevention (DLP)** system that prevents sensitive information from leaking out of the company.

**Curtain e-locker  
is a complete solution  
to stop  
Data Leakage!**





CURTAIN  
e-locker

## Curtain MonGuard - FREE!

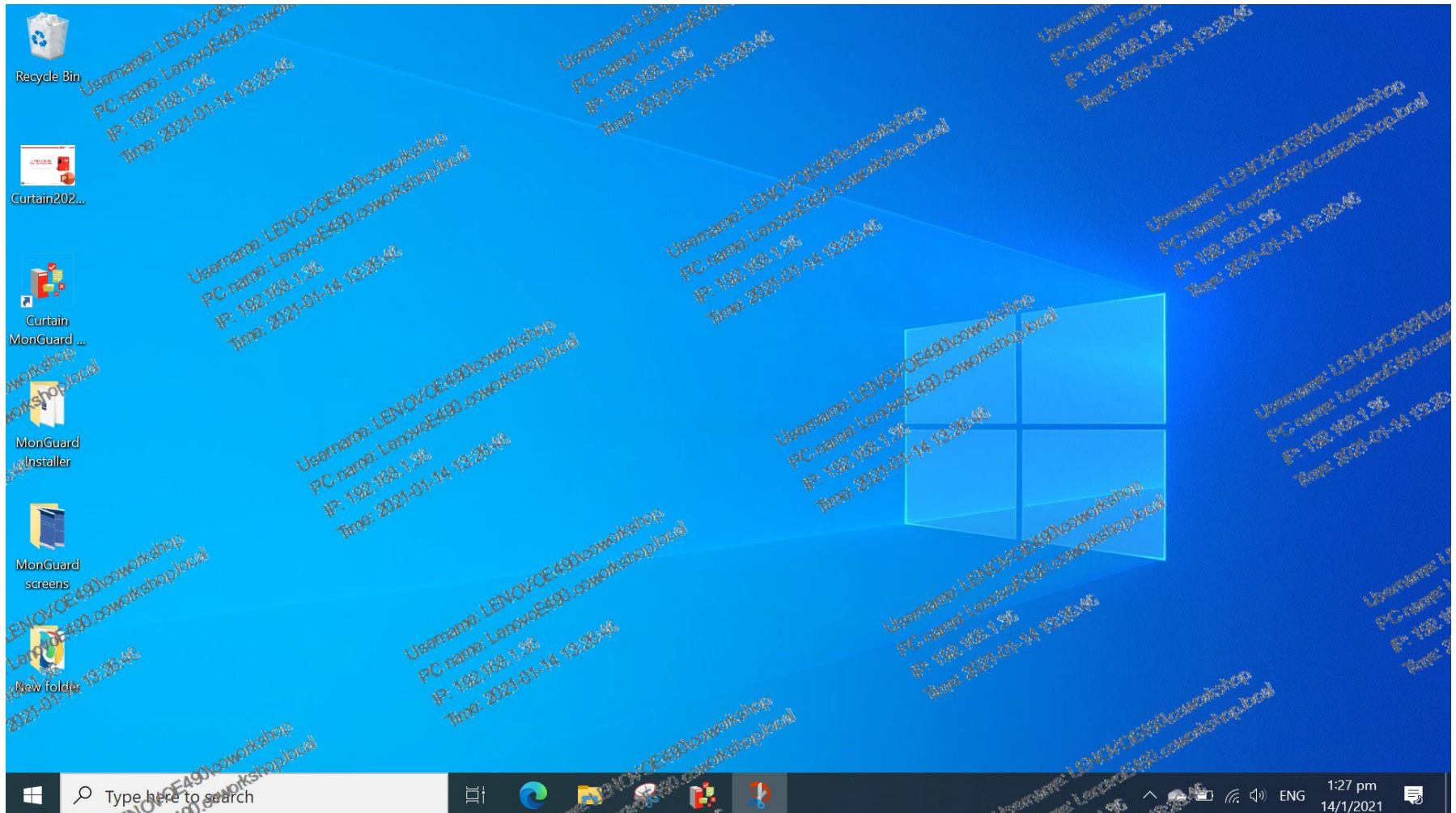
Prevent data leak through  
computer's screen

# Curtain MonGuard



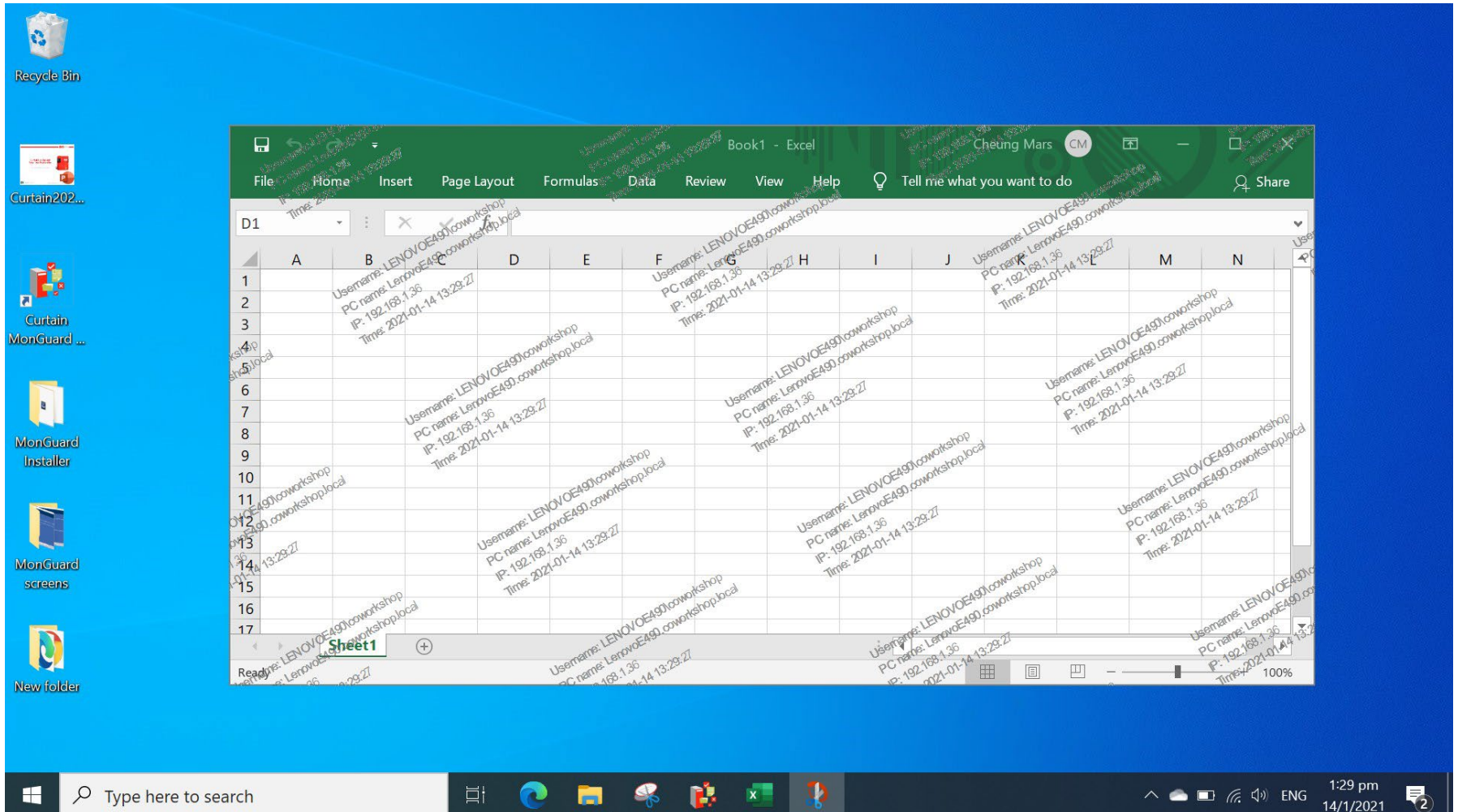
# Full screen-watermark OR specific applications

## Full Screen-watermark



# Full screen-watermark OR specific applications

## Application Screen-watermark





CURTAIN  
e-locker

# Download Now !

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[coworkshop.com/MonGuard](http://coworkshop.com/MonGuard)

## Conclusion

Sensitive information can be leaked out of the company without your knowledge. When you know the leakage, it is already too late.



Let Curtain e-locker  
protect your valuable  
information!!!



CURTAIN  
e-locker

# Thank You

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[www.coworkshop.com](http://www.coworkshop.com)