PC DATA PROTECTION

BEAST SIG - Feb 2018   Dave Botherway

TWO KEY AREAS

- Loss of   Data

    - Have proven backups (eg. Macrium Reflect)

    - Including offsite storage (physical or cloud)
        Caution – speed, cloud longevity (mega.com !)

- Data in Wrong Hands

    - Risk Analysis – impact if contents known . .
        bank details, history, clandestine activity

    - Solution 1 - Prevent Access

    - Solution 2 - Lockup Data (esp. when in transit)

PREVENTING ACCESS

- Physical Access to PC
    - PC kept in Locked room
    - Laptop stored securely (esp. in vehicles)

- Access to Data
    - Power On Password   (set in BIOS)
    - User Logon Password
          (but able to be bypassed by SysAdmin)
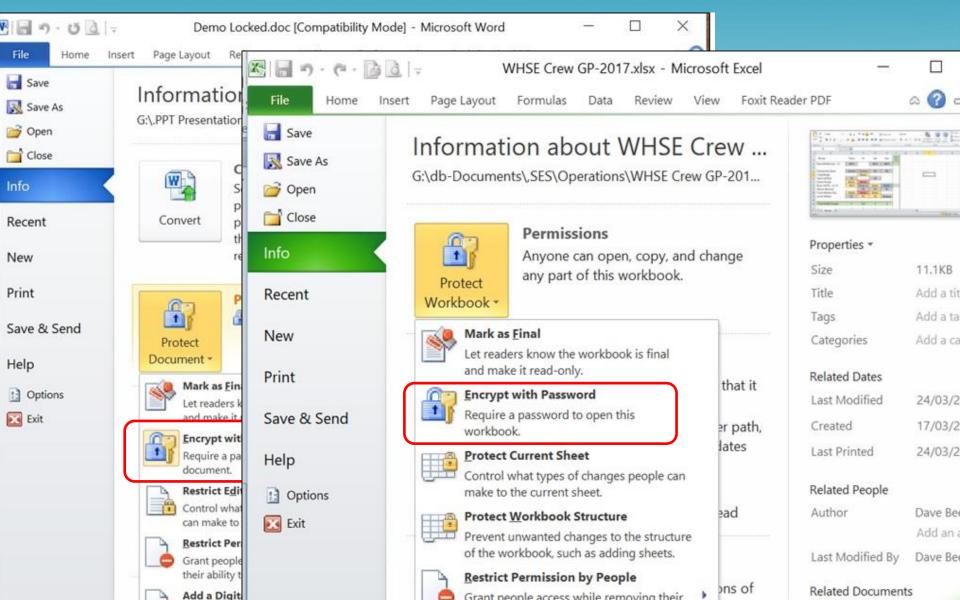   - File or Directory Encryption

ENCRYPTING DATA

- Built In Methods
    - Windows 10 Pro - file properties lock to User,
        or built in BitLocker & EFS functions . . .

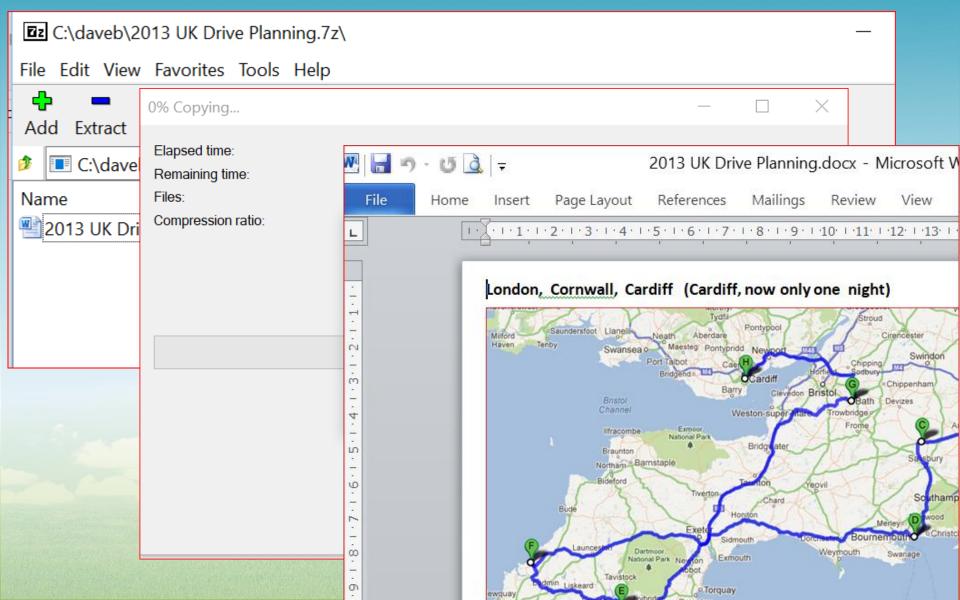   . . but not available to Windows Home users ! . .

    - MS-Office Programs - Protect option via Info, using PSW

- Added Applications
    - Zipped file with PSW (eg. WinZip, 7-Zip)

    - 3rd Party Apps – free True Crypt (now Vera Crypt)

        creates a virtual disk: files encrypted when saved, de-encrypted when accessed

    - Paid Apps: File Locker us$40, encrypts files and directories

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Protect Workbook ▾

Permissions
Anyone can open, copy, and change any part of this workbook.

Mark as Final
Let readers know the workbook is final and make it read-only.

Encrypt with Password
Require a password to open this workbook.

Protect Current Sheet
Control what types of changes people can make to the current sheet.

Protect Workbook Structure
Prevent unwanted changes to the structure of the workbook, such as adding sheets.

Restrict Permission by People
Grant people access while removing their...

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Related Dates

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Last Printed   24/03/2

Related People

Author   Dave Bee
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Last Modified By Dave Bee

Related Documents

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Folder Lock Version 7.7.3

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NewSoftwares.net

ECURE
USB like a pro!

IN TRANSIT PROTECTION

- ## Transferring via USB
  - Some USB sticks have build in PSW protection
  - Can also lock / encrypt file (eg 7-Zip) from PC

- ## Transferring via Email
  - Lock file before sending, send PSW seperately

- ## Transferring info via Internet
  - HTTPS session - note "S"
  - Virtual Private Network (VPN) connection