





All-rounded data disposal services fit for different compliance and standards.




## Our advantages

-  ISO/IEC 27001:2022 certified
-  Wide-ranging solutions for different standard
-  All-rounded solutions for different media
-  One-stop Service

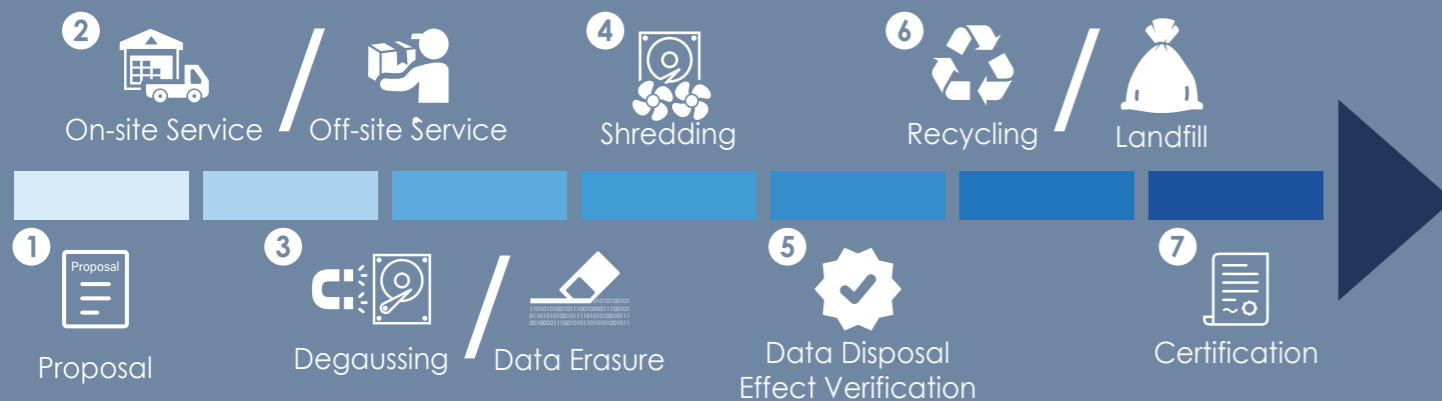


## Our Promise

### Your data is unparalleled safe in DataExpert

-  DataExpert Technology Limited got **ISO/IEC 27001:2022 Information Security Management** certified by BSI under certificate number IS 642998, for the scope of "The provision of data recovery and disposal services".
-  We shall treat all material supplied by the client as confidential and shall not divulge any confidential information to any person.
-  All employees in DataExpert have signed NDA and guarantee not to disclose any client information.

## Work Flow



## Compliance & Standards

- NSA Standard
- NIST SP 800-88
- Hong Kong Government Guidelines
- EPA regulations
- FACTA
- Sarbanes-Oxley Act
- NIAP EAL 4+
- US Air Force System Security Instruction 5020
- US National Computer Security Center TG-025
- German VSITR
- Australian Defense Signals Directorate ACSI-33(X1-P-PD)
- CIS GOST P50739-95
- Standard single pass overwrite
- US DoD 5220.22M
- NISPOM
- Infosec 5
- HIPPA
- GLBA
- ISO 27001
- US Army AR380-19
- US Navy Staff Office Publication P-5329-26
- NATO NIAPC
- Australian Defense Signals Directorate ACSI-33(X0-PD)
- Canadian RCMP TSSIT OPS-II Standard Wipe
- CSEC ITSG-06

## Media Types & Destruction Methods

		Logical Destruction		Physical Destruction	
		Degaussing	Wiping	Shredding	V-shape Bending
Magnetic Media	Hard Disk	✓	✓	✓	✓
	Magnetic Tape	✓	x	✓	x
	Floppy Disk	✓	x	✓	x
	Zip Drive	✓	x	✓	x
	MO Disk	✓	x	✓	x
Flash Memory	SSD	x	✓	✓	x
	USB Drive	x	✓	✓	x
	Memory Card	x	✓	✓	x
	Cellphone	x	✓	✓	✓
Optical Disc	CD	x	x	✓	x
	DVD	x	x	✓	x
	Blue-ray Disc	x	x	✓	x



# IT Asset Disposition Service

## Proposal

1



Receive your enquiry of **media type, number** and **standards & compliance**.

2



Assign a **project manager** to follow up your case.

3



Project manager will prepare a proposal which fit for your need.

## Logical Destruction

### Degaussing

Conduct degaussing on each magnetic media with a qualified degausser which can generate magnetic field at least **1.5 times** higher than the coercivity (resistance to demagnetization) of the media.

### Degausser Magnetic Field Intensity

MagWiper MW-15X	MagWiper MW-25X	MagWiper MW-30X	MagWiper NSA Degausser
Approx. 10,000 Oe			Approx. 20,000 Oe

### Degaussing Effect Verification - Magnetic Checker Cards (Recommended 20% samples)

1. Before being degaussed, check checker card shows the given pattern of "DATAEXPERT".
2. Place the magnetic checker card into degausser chamber together with the target media.
3. After degaussing, the particles of the card are randomly distributed if the media has been degaussed successfully.



Before Degaussing

After Degaussing

### Labeling

Label each magnetic media as **"100% degaussed"** after full completion of degaussing.



### Wiping/Erasure

Wiping offers a secure data destruction solution by **overwriting the media in specific patterns**. It allows client to erase data permanently and securely, while **keeping the media usable**. However, wiping is not always successful when dealing with malfunctioning media.

## Physical Destruction

### Shredding

By cutting storage media into small particles, it provides an additional protection for degaussed media, and an unparalleled choice for media which failed to wipe normally.

### Shred Size Specification (in mm)

	DED-SHS	DED-CDS2	DED-MMS3	DED-MMS2	DED-CDPS	DED-SSD01	DED-SSD2XS	DED-HDS35
Server HD	40*R	-	-	-	-	-	-	20*20
3.5" HD	40*R	-	-	40*R	-	-	-	20*20
2.5" HD	20*R	-	10*R	5*R	-	-	-	20*20
SSD	20*R	-	10*R	5*R	-	0.5*0.5	2*2	-
USB	20*R	-	2*5	5*R	-	0.5*0.5	2*2	-
CD/DVD/Blueray Disk	-	1*5	4*20	40*R	1.6*4	0.5*0.5	2*2	-
Magnetic Tapes	40*R	-	-	40*R	-	-	-	50*≤50
Memory Cards	-	1*5	2*5	5*R	-	0.5*0.5	2*2	-
Cell Phone	20*R	-	40*R	5*R	-	-	-	-
Chips	-	-	40*30	5*R	-	0.5*0.5	2*2	-
Paper	-	-	40*20	-	1*5	-	-	-

Dimension: mm R: Random

## Recycling and Disposal



### Recycling

Recycle degaussed/wiped media by Hong Kong Environment Protection Department (EPD) authorized computer recycler.



### Landfill (for non-recyclable E-waste only)

Landfill non-recyclable residue according to the Waste Disposal Ordinance under Hong Kong Law.

## Reporting



### Document and Certificates

DataExpert services are in accordance with international data security standards. We can provide auditable tracking document and certificates.