"SO….YOU'VE INSTALLED THE SECURITY SOFTWARE...THINK YOU'VE COVERED YOUR POPI RISK?”

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THE LEAKY BOX….

“Revealed: 30-million ID numbers. Is this SA's biggest data dump?”

In what was considered to be **SA’s biggest data breach**, about **30-million identity numbers and other personal and financial information** had been **hacked and leaked** on the internet, a data security researcher said on Tuesday.

The data dump of about **27 gigabytes contained** a wide range of sensitive information, including people’s **13-digit ID numbers, personal income, age, employment history, company directorships, race group, marital status, occupation, employer and previous addresses**.

Source : www.businesslive.co.za

17 OCTOBER 2017 - 14:40 BY : TOBY SHAPSHAK

The **hack of US credit agency Equifax** in September **resulted in 145.5-million Americans' personal details** being **revealed**, **following** the **40-million customers credit card records stolen from US retailer Target during the 2013 Christmas period**

Source : www.stuff.com

How can responsible ITAM/ITAD help prevent a data breach?

Proper controls and due diligence are essential for reducing the risk of a loss of data. Here are the essential elements of security program:

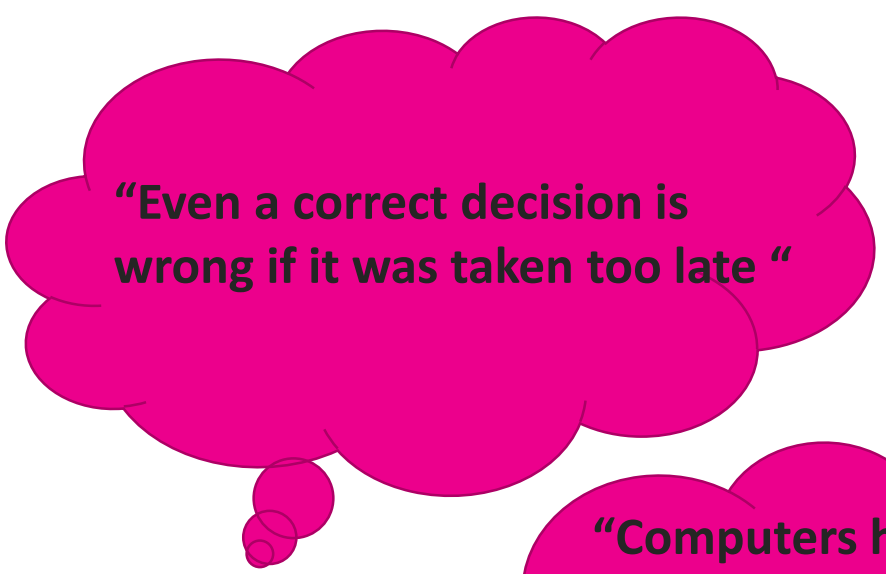
- Perform a **security risk analysis** to identify threats.
- Develop and implement a robust **security policy** that addresses how data on assets is secured and eventually destroyed. Then train staff regularly on the policy.
- Perform due diligence on your ITAD provider. Visit them, verify their controls and/or ensure they are audited by an independent security certification program like NAID.
- Execute and regularly review a service agreement with your ITAD vendor (a BAA is required for Covered Entities)
- Have access to disposition records or Certificates of Destruction - if you are audited, you may need this as evidence your data was properly destroyed at disposition.

187 Data Breach
incidents were reported to OCR by Covered Entities in 2016
https://ocrportal.hhs.gov/breach

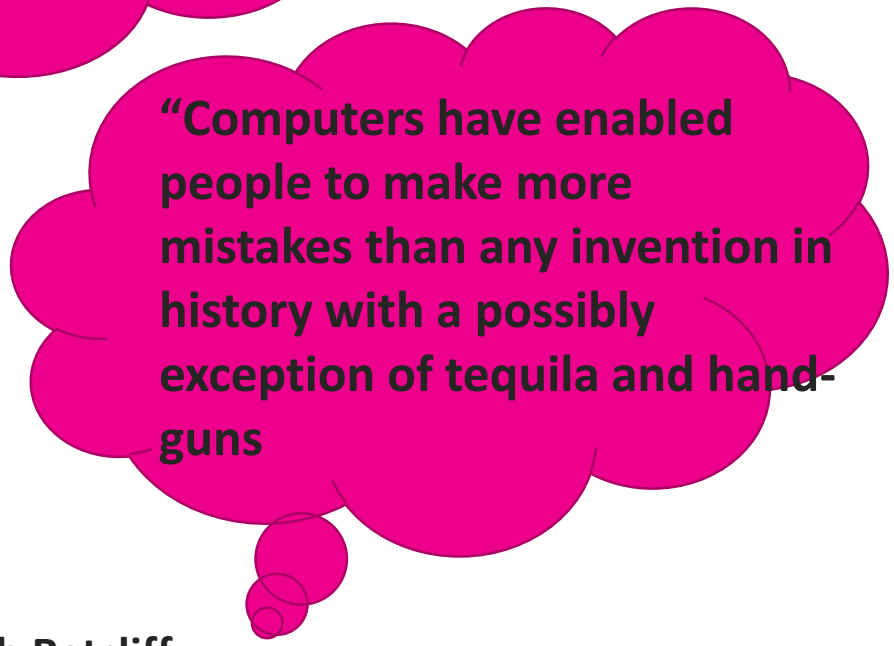
4 Million Dollars
is the average consolidated total cost of a data breach in 2016
https://securityintelligence.com/cost-of-a-data-breach-2016/

30 Million People
have been affected by a breach from loss, theft or improper disposal at a Covered Entity between 2010-2016
https://ocrportal.hhs.gov/breach

5.9 Billion Records
have been lost or stolen world-wide due to data breaches between 2013-2016
http://breachlevelindex.com/



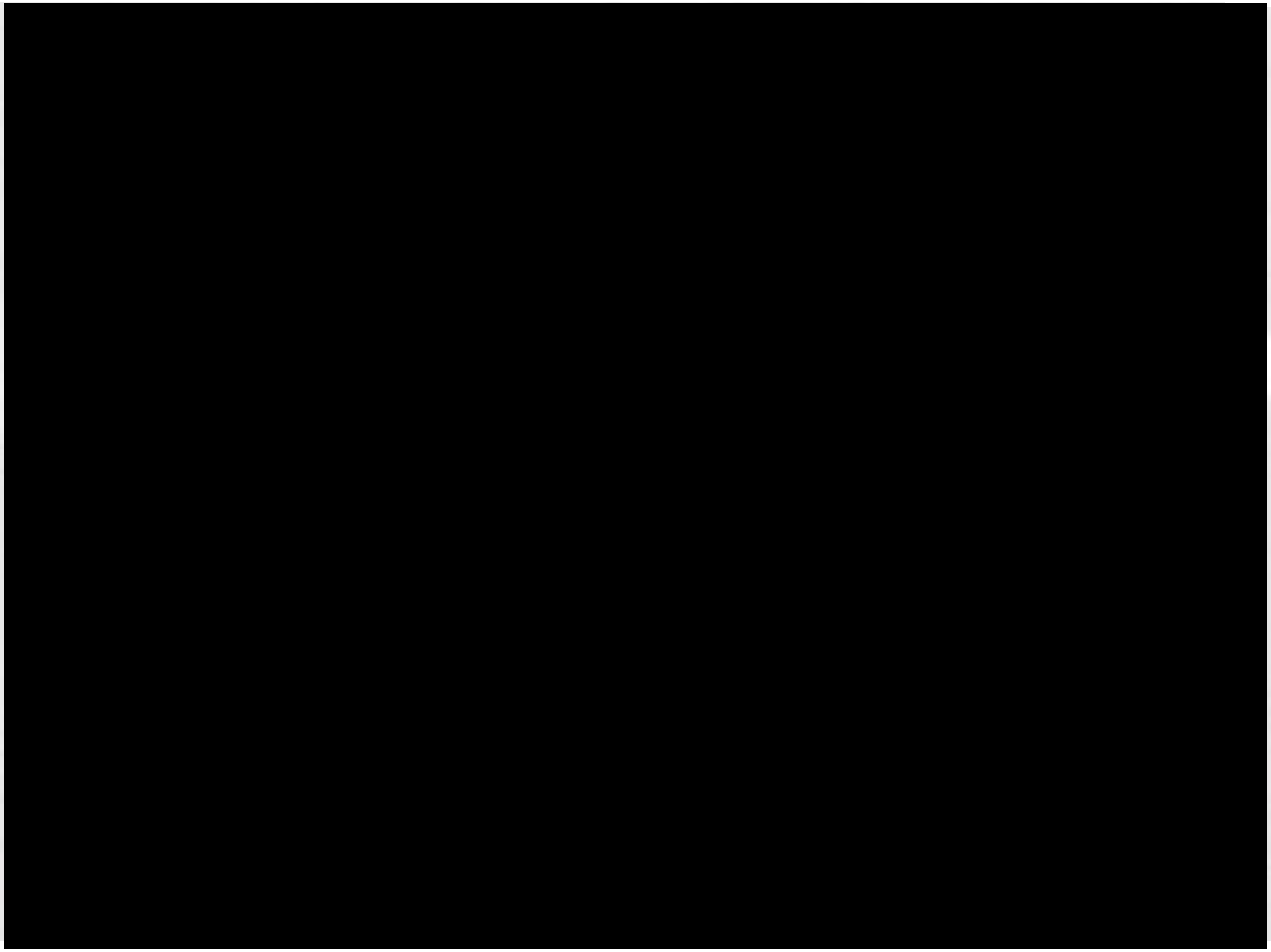
Lee Iacocca



Mitch Ratcliff

Warren Buffett

THE RISKS – Video Clip



IT Asset Disposal is no longer about selling end-of-term hardware to the highest bidder.

Stringent legislation NOW demands environmental compliance, safety of sensitive information and financial and tax compliance.(King 4 requires ITAD to be included in all audits going forward)

/Understanding the risks for losing company data

NEMWA;2008 & PoPIA;2013

- **5-10 Year** Criminal Sentencing
- **R5m – R10m** Enforced Penalty

PLUS…

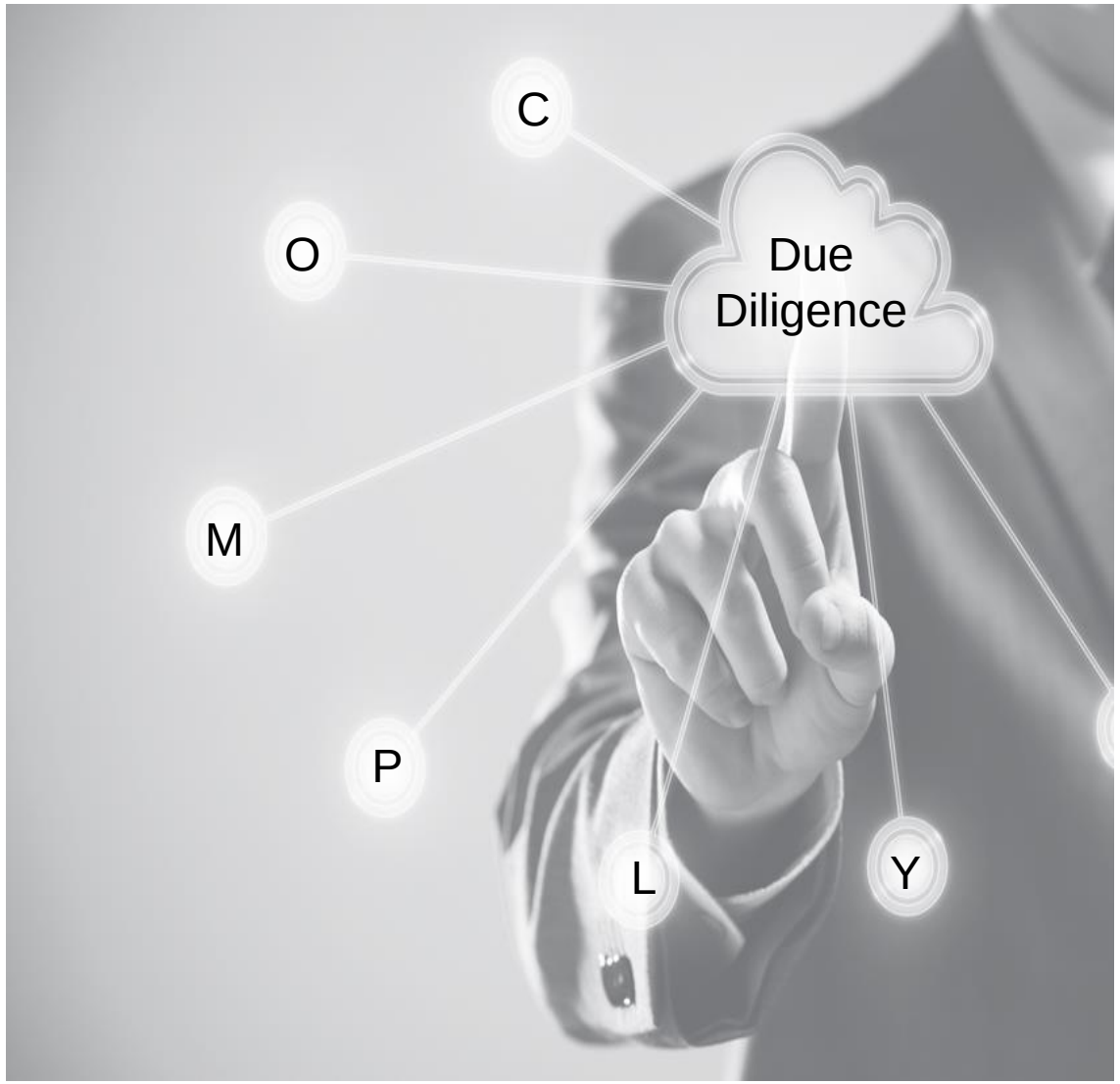
- **MASSIVE REPUTATIONAL DAMAGE** (PoPIA)

"Offender must make a breach public knowledge by means of mass media"

1. **National print media**
2. **Online media**

NB: "NPA's focus has shifted **to the conduct of company directors and the scope for personal criminal liability** for environmental degradation caused on their watch".

Source: Werksmans Attorneys



Data Security:

IT doesn’t matter how paranoid you are:
You’re not paranoid enough!

CONFUCIUS SAY...

"Needing an ITAD policy is like needing a parachute. If it isn't there the first time, chances are you won't be needing it again…"

/Your I.T Manager Says….

- **“I have Deleted the files”**
- **“I can just format the hard drive”**
- **“I will just reload your Operating System”**

Assist their customers with an ***auditable*** and ***compliant*** disposal of IT and electronic goods.

They should also help recover ***value*** for the goods, manage complex logistics and provide all the necessary ***compliance with regulations***.

- **Do you keep a record of all processes involving personal information? YES/NO**
- **Do you ensure Personal Information is stored securely and safely (email, share drives, paper, social media, voice recordings, cctv cameras, hard drives, systems etc)? YES/NO**
- **Have you formally let your Data Subjects know the purpose of collecting their personal information? YES/NO**
- **Do you have policies and processes in place to enforce the destruction/deletion/de-identification of obsolete Personal Information (in accordance with a documented retention schedule)? YES/NO**
- **Do you ensure that any processing done on your behalf by an operator is POPIA compliant? YES/NO**
- **Have you appointed an Information Officer with defined roles and responsibilities? YES/NO**
- **Do you know which staff have bought which unit on the staff scheme and what information was removed? YES/NO**

/ITAD Service provider - CHECKLIST

1) Solutions & Services

Business services relating to the disposal of redundant assets and POPI compliant data destruction

- Data Destruction
- Data Sanitization
- HDD Destruction
- eWaste collection

2) Value Recovery

- Remarketing
- Buy-Backs
- CSI Deployment
- Staff Programmes
- Redeployment / Repurposing

3) Corporate IT Asset Disposition

- Complete end-to-end IT Asset Disposition services
- Policies and Procedures
- Risk Management / Advisory
- Compliance
- Logistics
- Integrated Solutions and Services

ITAD partner - sample workflow…

/Process overview

- Location/s
- Volume / Asset Register
- Type
- Age of assets
- Existing agreements EG Lease
- Warranties
- Decommissioning
- Process
- Policies
- Valuation Process
-

- Optional On-Site Data Sanitization / Destruction
- Individual / Bulk Collections
- Armed Transit
- Tracking
- Secure Containers
- Auditable Handover
- Secure Storage
- Min 5 business day holding before next step

Certified Data Destruction

- Secure Chain of custody
- Weighing of Equipment
- Most refined process disposal to ensure 0% Land Fill

- All items serialised
- Systemised
- End to End ERP
- Contract Management

- Refurbishing Services
- Most refined process disposal to ensure 0% Land Fill

Required partner /Certifications

/certification with our partners

e-Waste Association of South Africa

Responsible eWaste Disposal

Microsoft Partner

Multiple Partner Programme

SABS

Certificate of Registration

TARSUS TECHNOLOGIES (PTY) LTD
(TRADING AS TARSUS CONFIGURATION CENTRE)
SANDTON

ISO 9001:2008
QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS

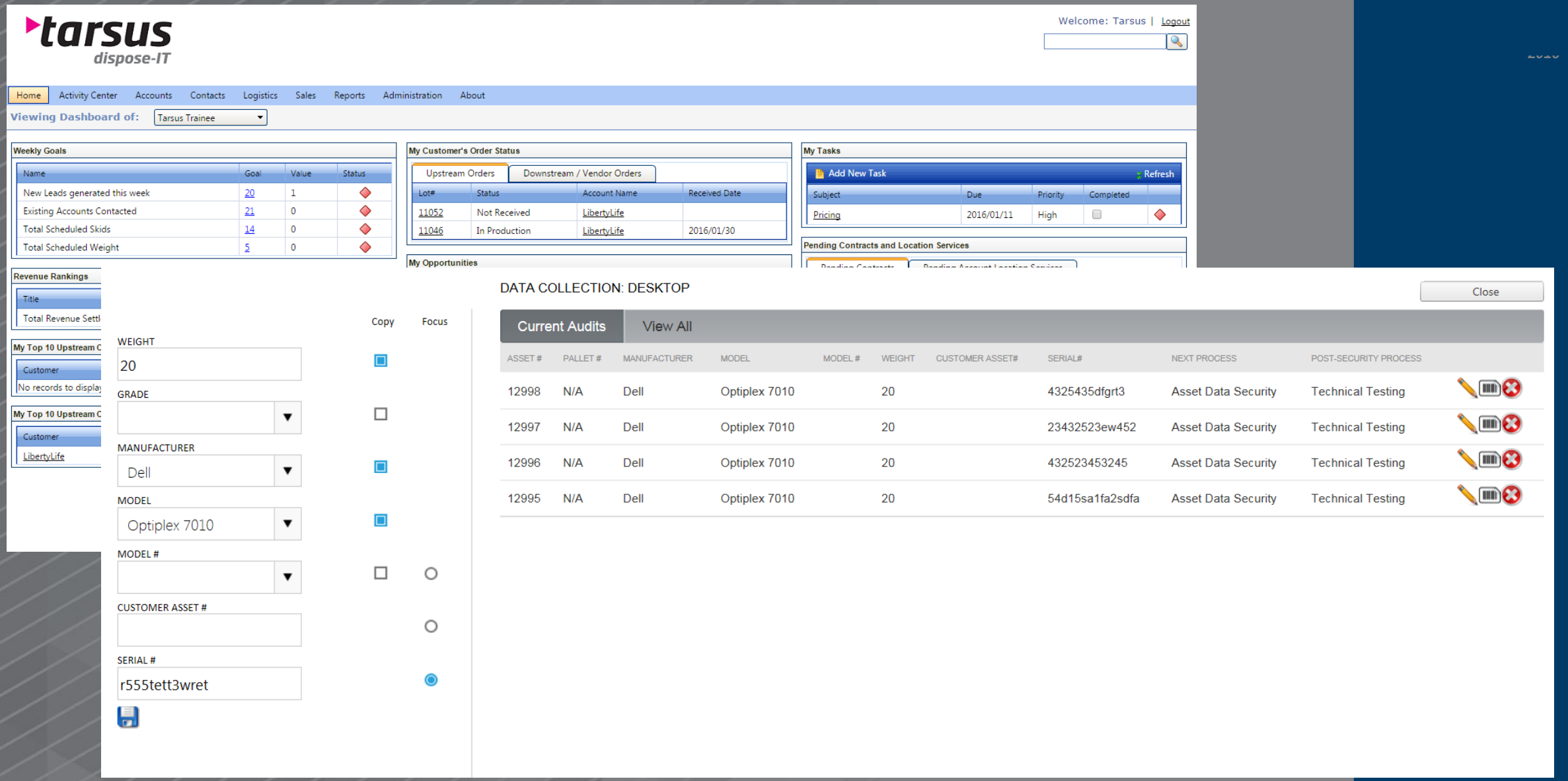
THE ASSEMBLY, CONFIGURATION AND BUNDLING OF COMPUTER HARDWARE/SOFTWARE PRODUCTS

EXCLUDING CLAUSES:
7.3 DESIGN AND DEVELOPMENT
7.4 PURCHASING

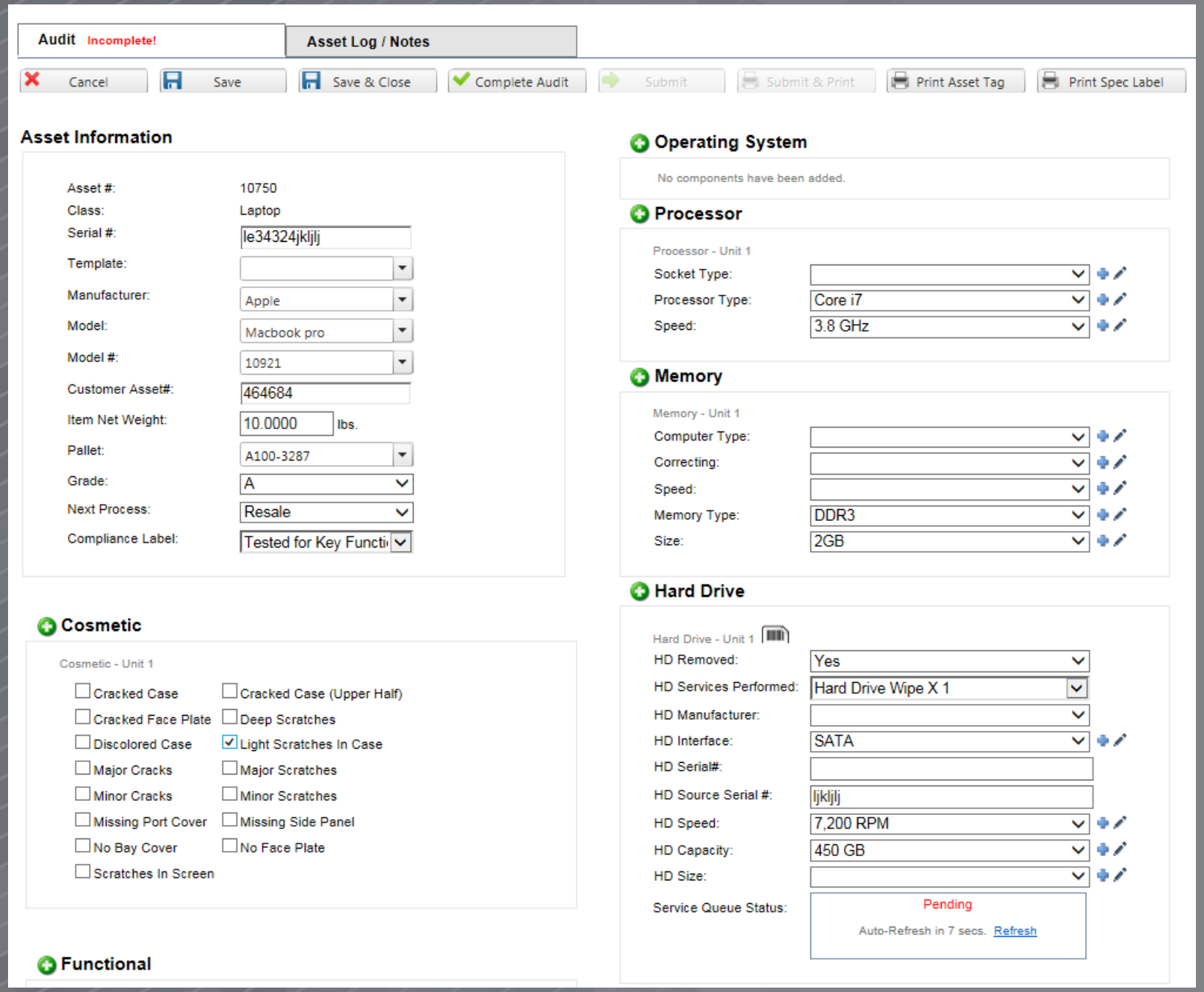
Registration Number: LS 2261
Effective Date: 10 December 2014
Expiry Date: 24 March 2018
Date of Original Registration: 11 September 1998

ISO9001
Tarsus Config Centre

POPI Compliant Reporting



/systems & reports



/systems & reports

/Covering your ITAD RISK is no longer an optional extra

THE KEY NEXT STEPS FOR YOU TO ADDRESS

1. Bring in an ITAD/POPI consultant and devise an ITAD policy for your business
   - Identify existing customer information and who has access to it.
   - Review the processes - collect and process personal information.
   - Compare your company's privacy policy with POPI's requirements

2. Ensure your IT and Procurement teams are trained and functional

3. Train your Finance and Admin teams for forthcoming audit processes

4. Engage with a COMPLIANT ITAD service provider

And…..

Do not tolerate deviations from your ITAD policy….. EVER

Thank you!

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