



JABATAN
PERLINDUNGAN
DATA PERIBADI

Kementerian Komunikasi
dan Multimedia Malaysia

PEMATUHAN AKTA PERLINDUNGAN DATA PERIBADI (AKTA 709) (STANDARD PERLINDUNGAN DATA PERIBADI)

Apa itu STANDARD?

AKTA 709

SUBSIDIARI P.U.(A) 335

- Suatu **kehendak minimum** yang dikeluarkan oleh Pesuruhjaya;
- Bagi **kegunaan biasa yang berulang-ulang**;
- **Kaedah-kaedah, garis panduan** bagi aktiviti atau keputusan aktiviti itu



PUNCA KUASA: **AKTA 709**

SEKSYEN 143, AKTA 709

**SUBSIDIARI
P.U.(A) 335**

**Para. 6 – Standard
Keselamatan**

**Para. 7 – Standard
Penyimpanan**

**Para. 8 – Standard
Integriti Data**



14 November 2013
14 November 2013
P.U. (A) 335

WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PERATURAN-PERATURAN PERLINDUNGAN DATA
PERIBADI 2013

PERSONAL DATA PROTECTION REGULATIONS 2013

Kronologi Pembangunan Standard

2014

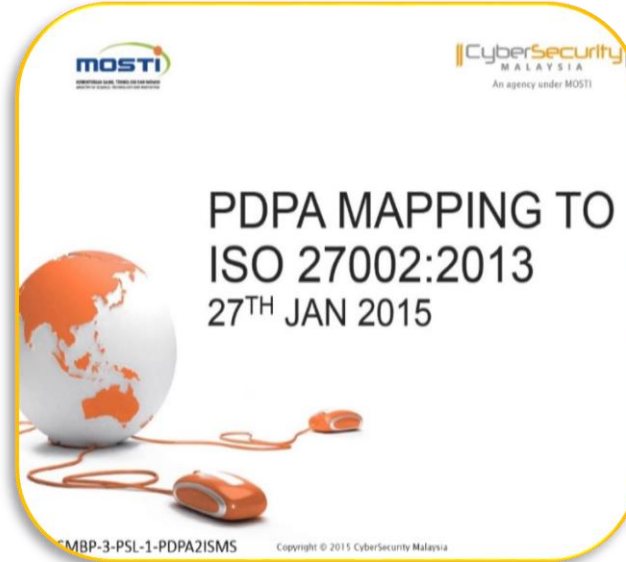
- 8 perbincangan tidak rasmi
- 5 perbincangan rasmi dengan agensi (Jabatan Standard Malaysia, CyberSecurity, SKMM serta wakil-wakil industri)

2015

- Mesyuarat rasmi: 15 & 23 Jun 2015, 27 Julai 2015
- Konsultasi awam: 1 hingga 27 Julai 2015
- Pembentangan kepada wakil industri: 1 Ogos 2015
- Pendaftaran Standard: Tahun 2015 (jangkaan)



**Information
Security
Management
System (ISMS)**



PDPA Mapping



**Standard
Perlindungan
Data Peribadi
2015**

Sumber Rujukan

MALAYSIA:
ISMS Controls;
CyberSecurity Mapping

**KESATUAN
EROPAH:**
EU Directive 95/46/EC

UNITED KINGDOM:
Data Protection Act
1998

IRELAND:
Guide For Data Controllers, Data
Protection Act 1998 and 2003

JERMAN:
Germany Federal Privacy Act

HONG KONG:
Personal Data (Privacy)
Ordinance (Cap.486)

SINGAPORE:
Personal Data
Protection Act 2012

BAHAMAS:
A Guide For Data Controllers,
Data Protection
(Privacy of Personal Information)
Act 2003

Kepentingan Standard Perlindungan Data Peribadi



- Perdagangan antarabangsa
- Pelaburan asing
- Aktiviti e-Commerce



- Melindungi kepentingan negara, perniagaan, subjek data



- Penerapan budaya perlindungan data peribadi dalam tadbir urus organisasi

Kandungan Standard Pelindungan Data Peribadi



Keselamatan



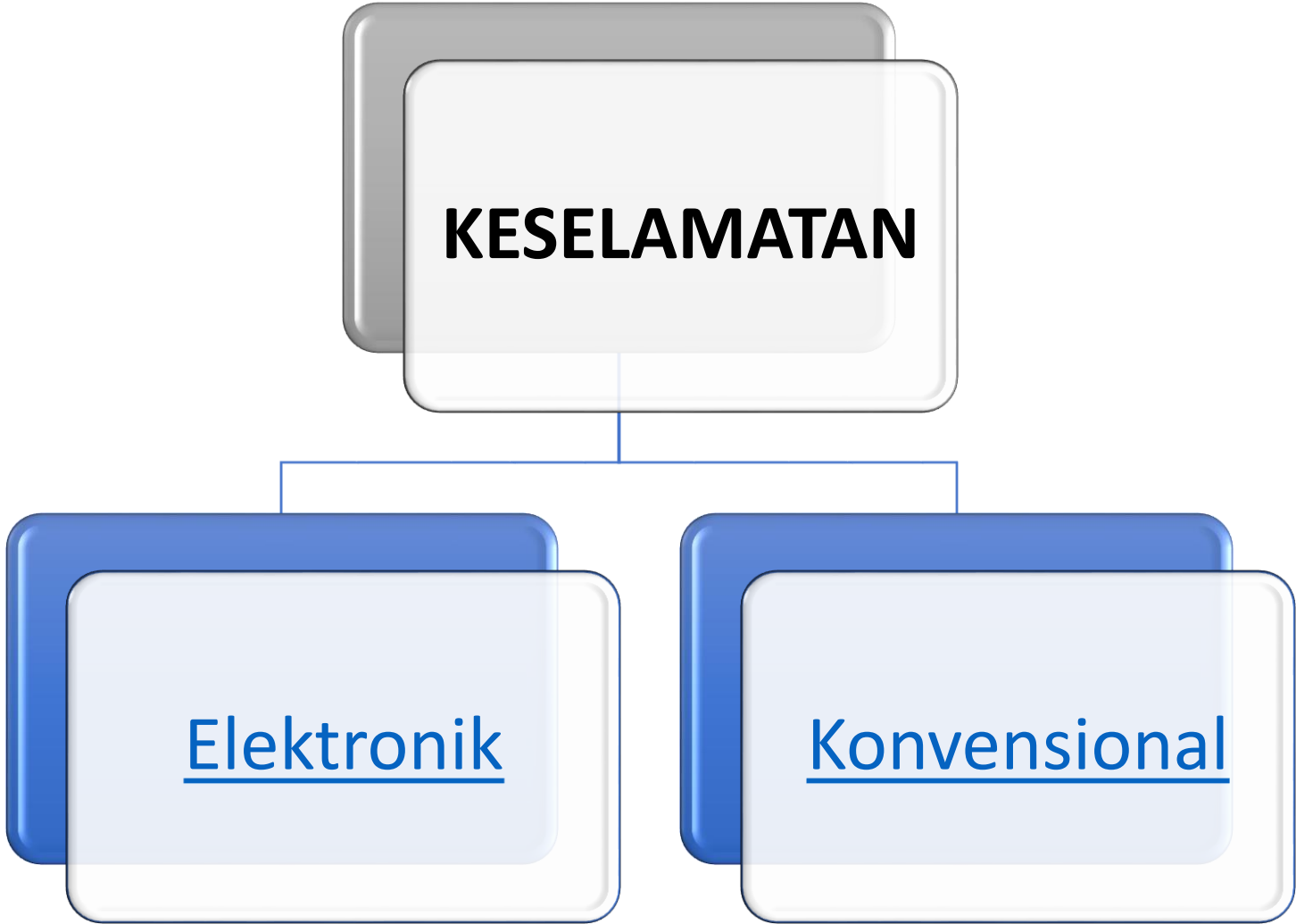
Penyimpanan



Integriti Data

PEMATUHAN AKTA 709

Standard Keselamatan



Pendaftaran:

- **Sistem Pendaftaran Pengguna Data**

Employee

Personnel Details Employment Number

Title	Mr	Address	11 South Downs
First Name	Paul	City	West Bridge View
Last Name	Robertson	Post Code	3456
Preferred Name	Paul	State	Victoria
Sex	M	Home Phone	(07) 7876 5432
D.O.B	11/03/2000	Work Phone	(07) 7876 5555
Marital Status	Married	Ext	212
Country of Birth	Australia	Mobile	0405 7865 7654
Tax File No	3409010		
Insurance No	N8939 939C		

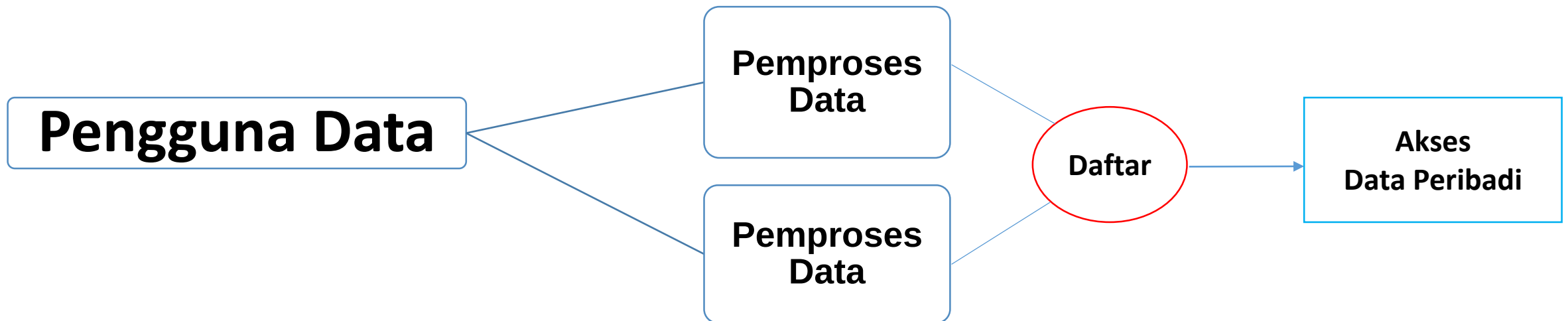
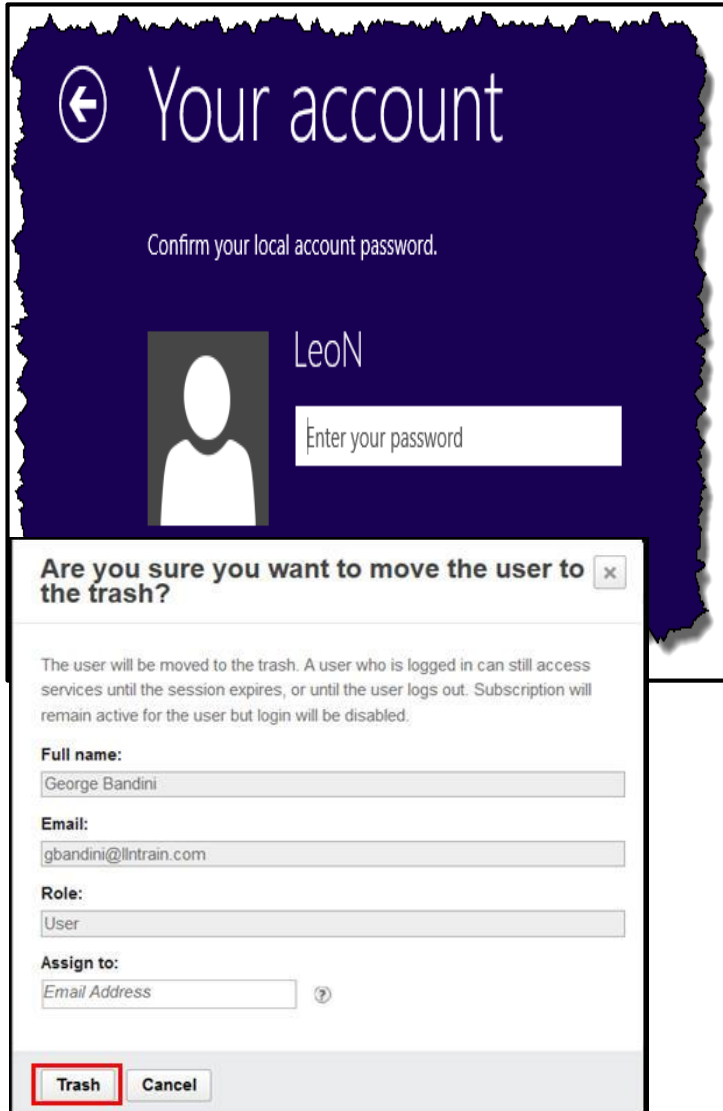


Diagram 1

Akses Sistem Data Peribadi:

Hak akses



← Your account

Confirm your local account password.

LeoN

Enter your password

Are you sure you want to move the user to the trash?

The user will be moved to the trash. A user who is logged in can still access services until the session expires, or until the user logs out. Subscription will remain active for the user but login will be disabled.

Full name:
George Bandini

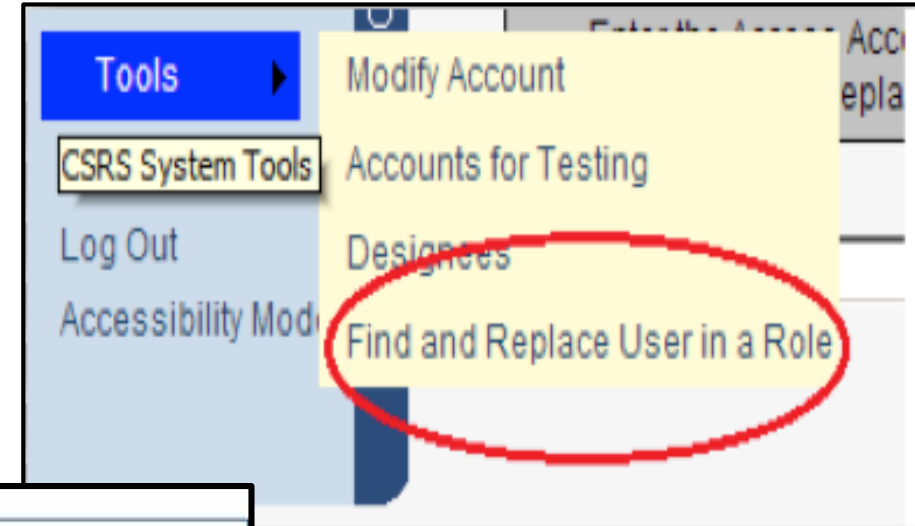
Email:
gbandini@lnttrain.com

Role:
User

Assign to:
Email Address ?

Trash Cancel

Takat kuasa



Log akses

View

Edit

Workflows

Locks

Audits

Delete

Start Date

at

01

00

AM

End Date

at

01

00

AM

Audit Type

Filter Results

Reset

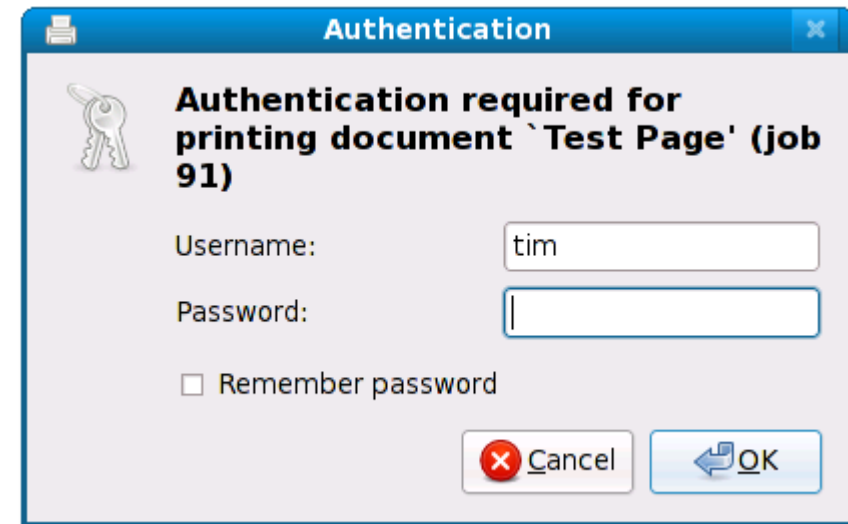
User	Time	Action	Information
 admin	Feb 27, 2008 2:40 PM	Login	Logged in from IP address: 10.0.1.234
 admin	Feb 27, 2008 1:09 PM	Check Out	Check out Page 'New-Press-Release'  Asset Link
 admin	Feb 27, 2008 1:05 PM	Login	Logged in from IP address: 10.0.1.234
 admin	Feb 27, 2008 8:49 AM	Login	Logged in from IP address: 10.0.1.234
 admin	Feb 25, 2008 2:48 PM	Login	Logged in from IP address: 10.0.1.234

ID Pengguna dan Kata Laluan

- Kakitangan yang menguruskan data peribadi sahaja diberikan ID Pengguna
- ID pengguna perlu dibatalkan serta merta jika kakitangan tidak menguruskan data peribadi
- Tidak berkongsi atau mendedahkan kata laluan
- *User authentication* dilaksanakan sebelum akses ke sistem data peribadi



A screenshot of a Windows-style dialog box titled "Enter Userid & Password". The dialog has a blue title bar with a close button (X) in the top right corner. The main area is light beige and contains two input fields. The first field is labeled "Enter Userid:" and contains the text "group_userid". The second field is labeled "Enter Password:" and contains a series of asterisks "*****". At the bottom right of the dialog are two buttons: "Ok" and "Cancel".



A screenshot of a Windows-style dialog box titled "Authentication". The dialog has a blue title bar with a close button (X) in the top right corner. The main area is light blue and contains a key icon on the left. To the right of the key icon, the text "Authentication required for printing document 'Test Page' (job 91)" is displayed. Below this text are two input fields: "Username:" containing the text "tim" and "Password:" which is empty. Below the password field is a checkbox labeled "Remember password". At the bottom right of the dialog are two buttons: "Cancel" with a red X icon and "OK" with a blue arrow icon.

Insiden Keselamatan Kata Laluan

NEWS

Hyatt resets Gold Passport passwords after security incident



Credit: [Lane Pearman](#)

Dropbox Spam Attack Tied to Stolen Employee Password

By NICOLE PERLROTH AUGUST 1, 2012 1:23 PM [Comment](#)

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[A spam attack](#) on users of Dropbox, the cloud-storage service, has been linked to a password that was stolen in a breach on another Web site.

That is the conclusion of a two-week-long investigation by Dropbox into reports that a security breach may have caused its users to receive spam messages. The [problems first surfaced](#) July 16 after Dropbox users complained that spam messages had been sent to e-mail addresses they reserved exclusively for their Dropbox accounts. The fraudulent e-mails appeared to be from gambling sites.

[In a blog post](#), Dropbox said that user names and passwords exposed in breaches on another Web site were tested on Dropbox accounts. And in one case, hackers used a stolen password to log into a Dropbox employee's account that contained a document with users' e-mail addresses. Spammers used those e-mail addresses to send spam.

**contoh-contoh insiden
kebocoran maklumat melalui
kecurian komputer riba &
*unauthorised access***



Dumb PIN-reset
Android malware
found in the wild



Cyber-crime
empties pockets of
UK businesses
about £2.8bn per
year

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State Sector



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GM, Ford Bet on
SUVs in Europe



BUSINESS

Coca-Cola: Stolen Laptops Had Personal Information of 74,000

Stolen Laptop Information Includes Social Security, Driver's License Numbers

By **MIKE ESTERL**

Updated Jan. 24, 2014 9:37 p.m. ET

Coca-Cola Co. said on Friday that personal information on as many as 74,000 employees, contractors and suppliers were on laptops that it said were temporarily stolen from its Atlanta headquarters.



SC Magazine > News > Theft of unencrypted laptops behind Coca-Cola breach impacting 74,000



Danielle Walker, Senior Reporter

Follow @daniellewlkr

January 27, 2014

Theft of unencrypted laptops behind Coca-Cola breach impacting 74,000

Share this article:

Due to a theft of unencrypted laptops at Coca-Cola, around 74,000 current and former employees at the company may be at risk of **identity theft** or fraud.

Sensitive information that was on the laptops included names and Social Security numbers of around 18,000 individuals, while an additional 56,000 people had personal information, such as driver's license numbers, exposed in the incident.

Other data, like addresses, financial compensation and ethnicity of victims, was also compromised, **according to a Friday article** in *The Wall Street Journal*, which broke the story.



Social Security numbers, driver's license numbers and other data was exposed.

Lokasi Penyimpanan Data Peribadi:

- Selamat
- Tidak terdedah / bertanda dengan jelas



Keselamatan fizikal:

- Pengesahan identiti sebelum memasuki kawasan pemprosesan data peribadi
- Sekatan penggunaan peranti mudah alih/media
- CCTV dan Khidmat Kawalan Keselamatan 24 jam (sekiranya perlu)



Pemindahan Data Peribadi:

- Pemindahan data peranti media mudah alih adalah tidak dibenarkan melainkan dengan kebenaran bertulis oleh pegawai yang diberi kuasa



**contoh-contoh insiden kebocoran
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Barclays security scandal: Police find stolen USB stick holding personal data of 13,000 customers, including National Insurance numbers and passport details

- Police found the memory stick by chance during arrest in Brighton, Sussex
- Found on it were names, dates of birth and addresses of 13,000 customers
- Barclays says there is no evidence the files had been used by fraudsters
- Furious customers branded £250 offered in compensation an 'insult'

By RICHARD MARSDEN and JAMES SALMON FOR DAILY MAIL

PUBLISHED: 21:00 GMT, 24 July 2015 | UPDATED: 02:11 GMT, 25 July 2015

Barclays to compensate customers for losing USB stick containing personal data

Wronged punters could get £250 each

By [Dave Neal](#)

Tue Jul 14 2015, 12:16



BARCLAYS BANK will pay £250 to customers who were put at risk when a USB stick ended up in the wrong hands.

Barclays, which presumably moves sensitive customer data around on USB sticks, has been stung to the tune of £500,000 in compensation payments, according to reports.

This sort of thing might take the shine off the imminent backing of [Apple Pay](#) which, in case you missed it, has hit the UK.

UK insurer loses storage device with sensitive customer data

By Juha Saarinen
Sep 14 2015
6:31AM



0 Comments



Names, addresses, bank account details leaked.

British insurer Royal Sun Alliance has owned up to losing a storage device that contained personal information on premier customers of Lloyds Bank.

The portable storage device – RSA Insurance did not provide detail on the type of device – went missing from one of the insurer's data centres on July 30. It has since been reported to police as stolen.



Back Up / Recovery Sistem

- Sistem “Back up/Recovery” serta perisian anti-virus perlu dikemaskini bagi melindungi data peribadi
- Sistem “Back up/Recovery” perlu disimpan di lokasi yang berbeza daripada lokasi utama serta selamat dari sebarang ancaman/bencana



contoh-contoh insiden pencerobohan pangkalan data (database)



Two million customers affected

The European mobile giant said personal details of more than two million of its German customer base have been stolen by a hacker.



By Zack Whittaker for Between the Lines | September 12, 2013 -- 13:58 GMT (21:58 GMT+08:00) | Topic: Security

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Intel launches automotive security board to tackle connected car security risks



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Meet the worst 100 passwords from the Ashley Madison hack



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Fire At Samsung Datacenter Causes Outage On Easter (TWEETS)

A fire broke out at a Samsung data center in South Korea Sunday, causing service outages for its global website and smart TV apps.

By [Sam Lehman](#) | Apr 21, 2014 10:41 AM EDT



DATA MANAGEMENT

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Data Center Fire Fries Samsung's Un-Backed-Up Servers



Stuff happens -- but that's why the IT departments of major corporations are supposed to back up their stuff. Samsung SDS apparently failed in the remote backup department, and when a fire swept through its data center, a massive service outage was the result. "There really is no excuse for this to occur," said Tirias Research analyst Jim McGregor.

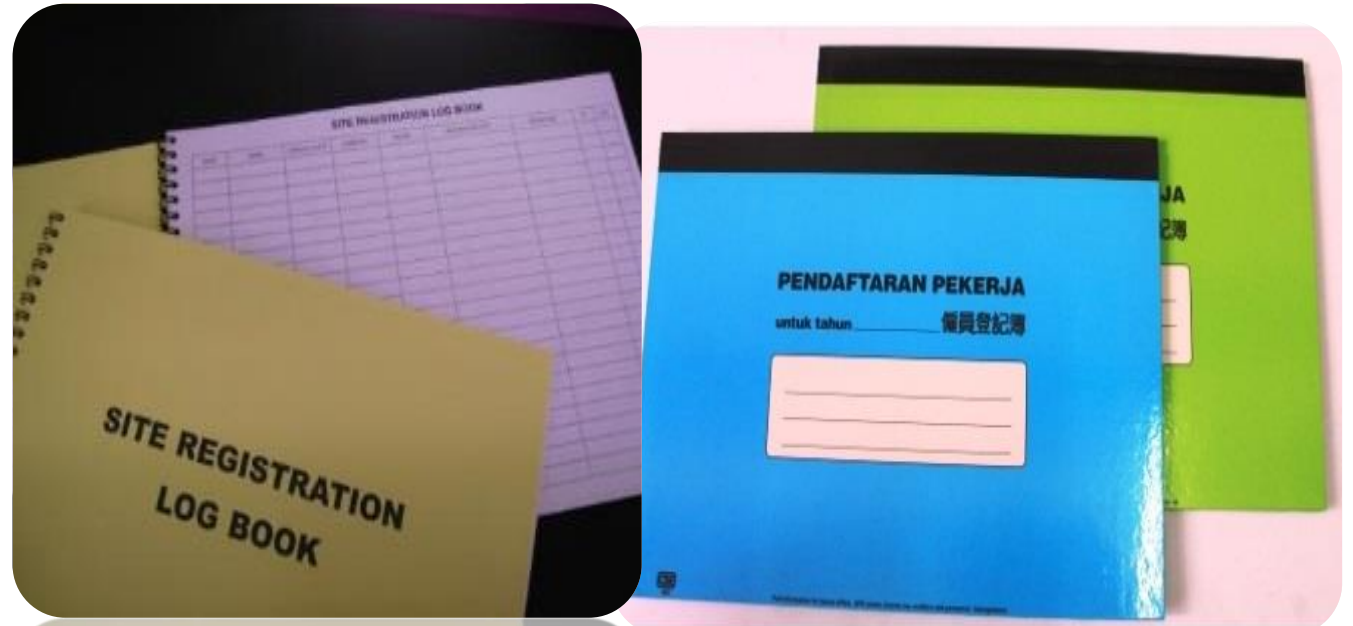
Data yang diproses secara konvensional juga perlu dilindungi dengan sewajarnya



Konvensional-1

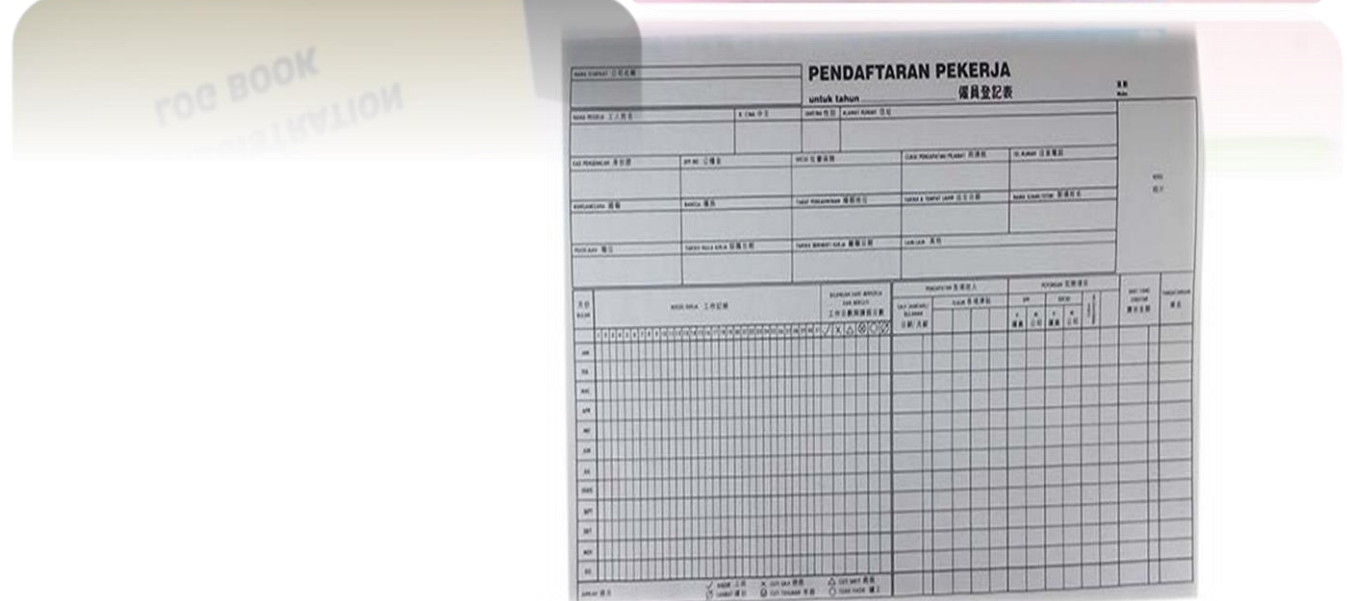
Pendaftaran:

- Mewujudkan sebuah buku pendaftaran fizikal bagi mendaftarkan semua kakitangan yang terlibat dalam pemprosesan data peribadi



Akses:

- Notis pembatalan kebenaran akses dikeluarkan dengan segera



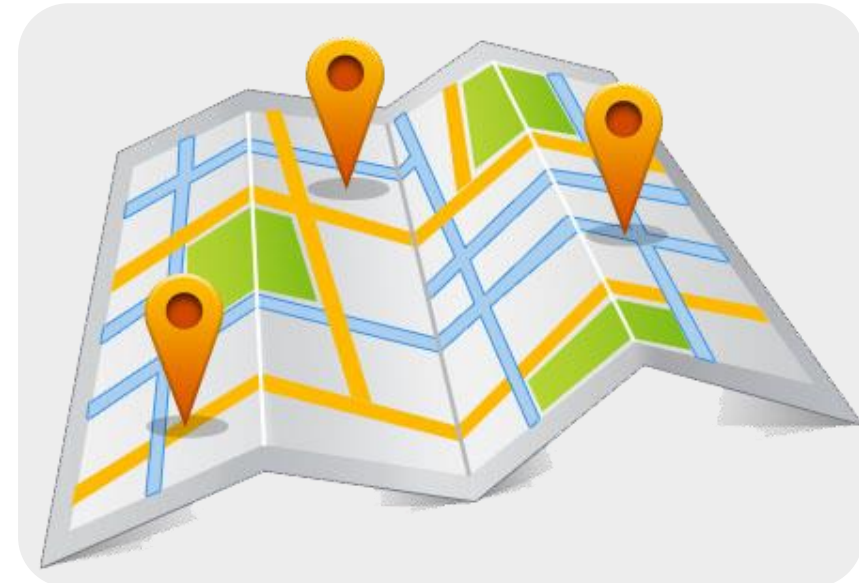
Konvensional-2

Takat Kuasa:

- Data peribadi hanya boleh diakses oleh kakitangan yang ditetapkan sahaja

Lokasi:

- Selamat
- Tidak terdedah/ bertanda



Konvensional-3

Keselamatan fizikal:

- Data peribadi hendaklah disimpan dalam fail
- Fail yang mengandungi data peribadi hendaklah disimpan di cabinet berkunci
- Semua kunci yang berkaitan perlu disimpan di tempat selamat
- Hanya seorang sahaja diberi kebenaran memegang kunci (bergantung kepada keperluan organisasi)



contoh insiden kehilangan rekod



Konvensional-4

Pemusnahan Data Peribadi:

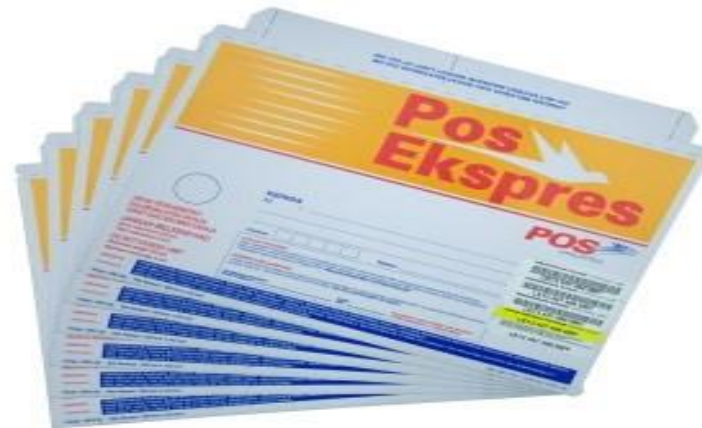
- Musnahkan data peribadi dengan kaedah yang bersesuaian.
- Merekod pemusnahan data peribadi



Konvensional-5

Pemindahan Data Peribadi:

- Pos berdaftar
- Serahan tangan

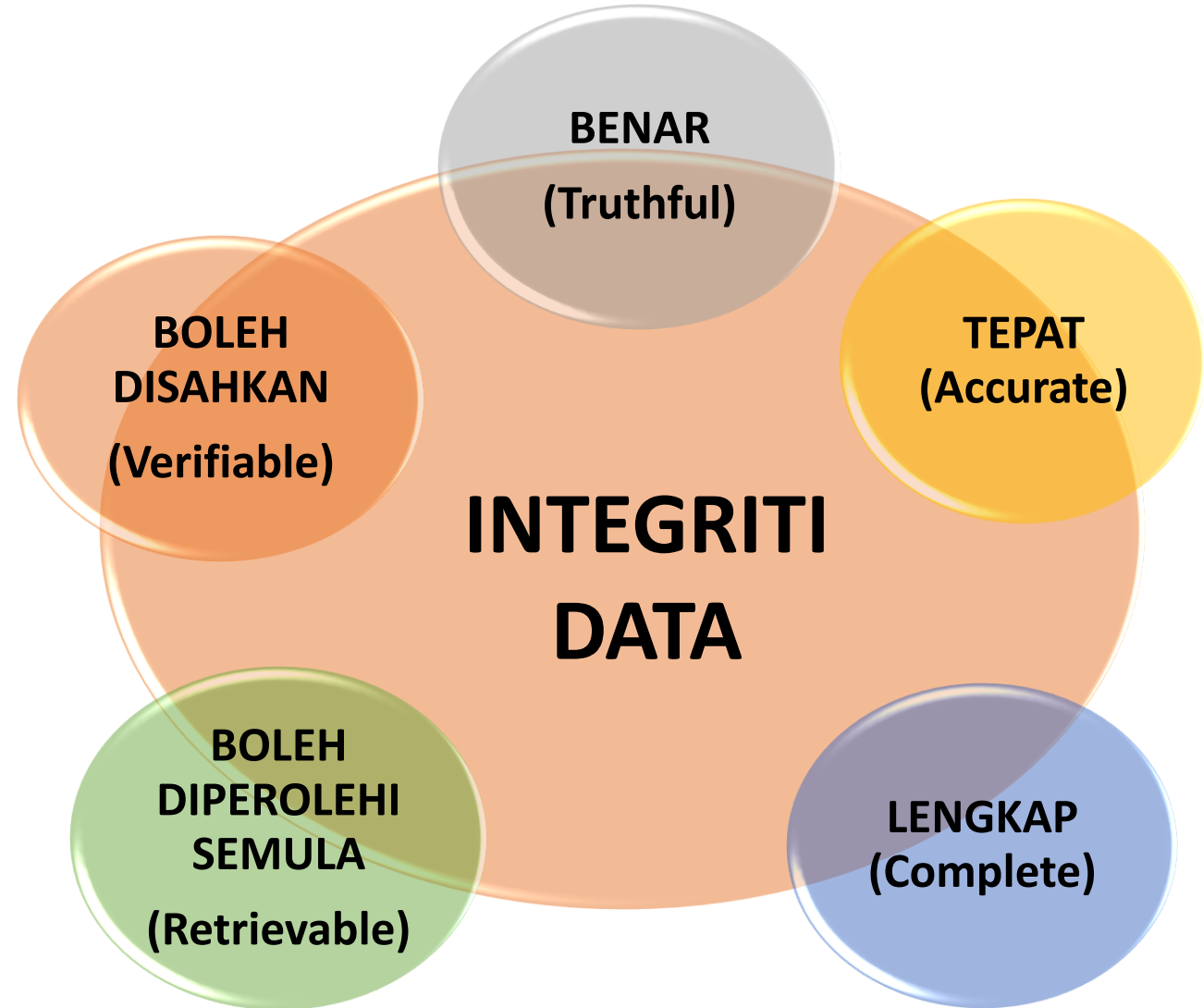
A yellow "URUSAN POS" (Post Office Business) form from POS Malaysia Berhad. It contains fields for sender and recipient information, including name, address, and postcode. The form is labeled "AR AKUAN TERIMA" (I acknowledge receipt) and "ADVICE of receipt DOMESTIC". It also includes a "Cap Tarikh Pengesahan" (Date stamp) and a "Cap Tarikh Serahan" (Date of delivery) section.

Standard Integriti Data

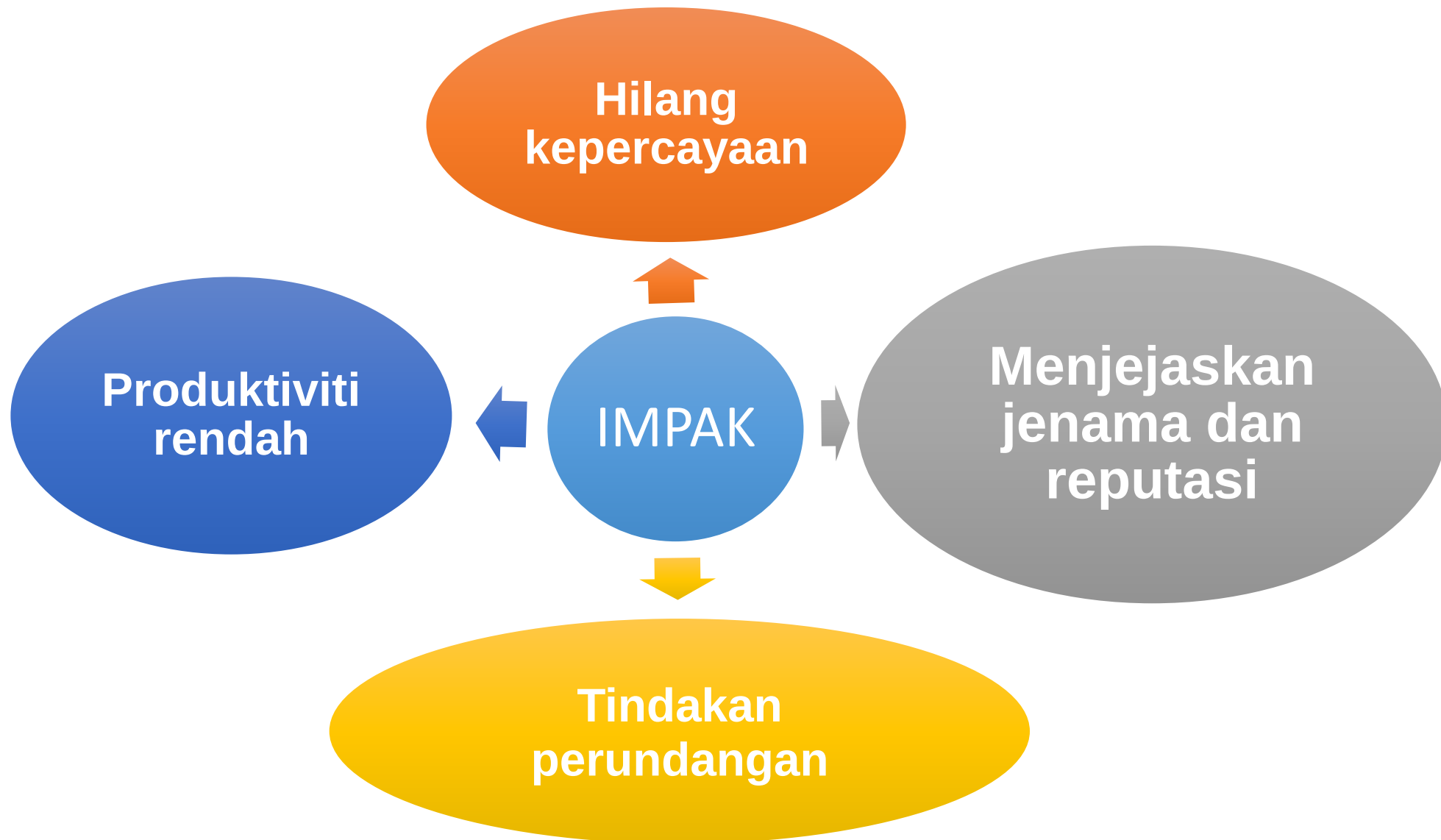


Standard Integriti Data

- Sediakan borang kemaskini data peribadi (online/off line)
- Kemaskini data peribadi dengan segera selepas dapat notis pembetulan
- Pastikan dokumen sokongan adalah tepat dan sahih sebelum mengemaskini data peribadi



Impak Pengabaian Integriti Data



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Two Indian manufacturers cited by FDA for data integrity issues



By Zachary Brennan+

04-Feb-2015

Last updated on 04-Feb-2015 at 09:25 GMT

Related tags: Micro Labs, Apotex, Warning letter, US FDA

Bangalore, India-based Apotex and Verna, India-based Micro Labs both received warning letters last month from the US FDA detailing data integrity questions linked to their quality systems.



The US FDA said the examples outlined in the letter for Apotex "are of serious cGMP violations demonstrating that your quality system does not adequately ensure the accuracy and integrity of the data generated at your facility to ensure the safety, effectiveness, and quality of the drug products you manufacture. We found that your quality system failed to ensure the adequate investigation and resolution of quality failures."

The history of the company's working with the FDA to resolve cGMP violations is extensive. In April, the agency banned the facility from importing its products to the US, while back in March 2012, Apotex sued the agency over a similar import alert.

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Indian manufacturers struggling to stay on top of data integrity issues, EY survey finds



By Zachary Brennan+

08-Jun-2015



Related tags: Data integrity, Indian pharma, Import alerts, Warning letters, GMP

Standard Penyimpanan



Standard Penyimpanan

Tentukan semua perundangan berkaitan penyimpanan dan pemprosesan data peribadi dipatuhi

Contoh:

- Akta Pencegahan Pengubahan Wang Haram dan Pencegahan Pembiayaan Keganasan 2001
- Akta Arkib 2003
- Akta berkaitan Insurans, Kewangan dan lain-lain

Tidak menyimpan data peribadi setelah transaksi komersil tamat **melainkan terdapat peruntukan undang-undang yang mengkehendaki** dan membenarkan penyimpanan tersebut



HALA TUJU



Penguatkuasaan



**Tadbir Urus
Data Peribadi**

KESAN JANGKA PANJANG

CONTOH

Pematuhan Perlindungan Data Peribadi dalam e-Commerce



The image shows the top section of the Mango website. It features a black and white photograph of a person's torso wearing a patterned shirt. Overlaid on the image is the 'MANGO' logo in large white letters. Below the logo is a navigation menu with the words 'WOMEN', 'MEN', 'KIDS', and 'PLUS SIZE' in white capital letters. The 'WOMEN' link is underlined.

MANGO

WOMEN MEN KIDS PLUS SIZE

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DISPATCH

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RETURNS

BRANDS

MANGO

MANGO MAN

MANGO KIDS

VIOLETA BY MANGO

SHOPPING

GIFT VOUCHER

MANGO VIP CARD

SIZE CONVERSION CHART

SEARCH STORES

GARMENT LOCATOR

APPS

COMPANY

ABOUT MANGO

PRESS OFFICE

FRANCHISES

WORK WITH US

ENGINEERING AND

CONSTRUCTION



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PRIVACY POLICY

DATA TREATMENT

Latest version: 3 November 2014.

INTRODUCTION

Access and use of the **www.mango.com** website (hereinafter, "Website" or "Mango.com ") confers user status upon visitors to the website and implies full acceptance without reservation of the conditions of use applicable at any moment on the part of the user.

In accordance with the provisions of Organic Law 15/1999, on the Protection of Personal Data (LOPD) and its implementing legislation, Mango, as manager of the website, pursuant to the provision contained in art. 5 and 6 of the LOPD, informs all website users who provide or will provide their personal details that the same will be included on a computerised file that is duly registered at the Spanish Data Protection Agency.

WHO IS THE OWNER OF THE DATA TREATMENT?

Details of the **www.mango.com** website owner and manager:

PUNTO FA, S.L. (hereinafter, "Mango")

Calle Mercaders 9-11

Pol. Ind. Riera de Caldes

C.P. 08184 Palau-solità i Plegamans

Barcelona (Spain)

E-mail: customer.service@mango.com

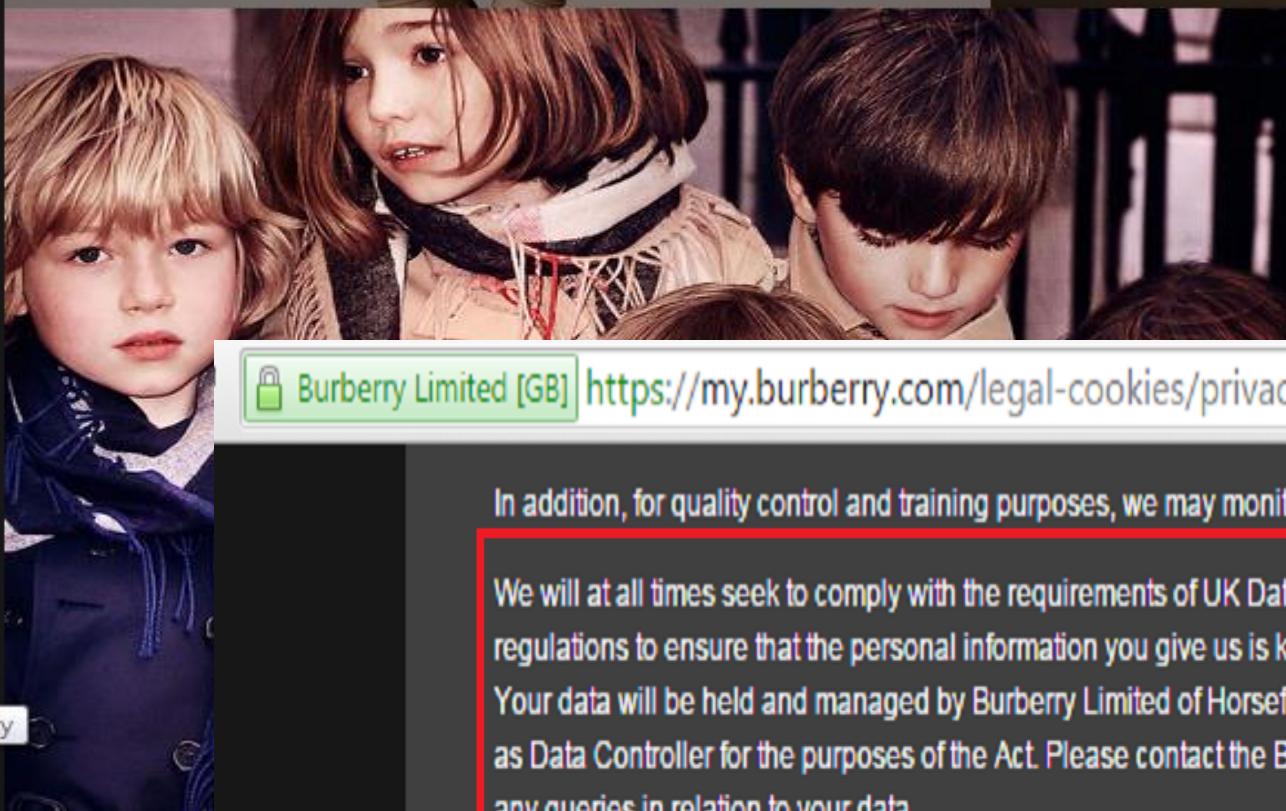
Tel. +34 93 860 24 24

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Registered at the Mercantile Register of Barcelona under Volume 11195, Folio 156, Sheet 167948 and with Corporate Tax ID no. ES-B59088948.

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