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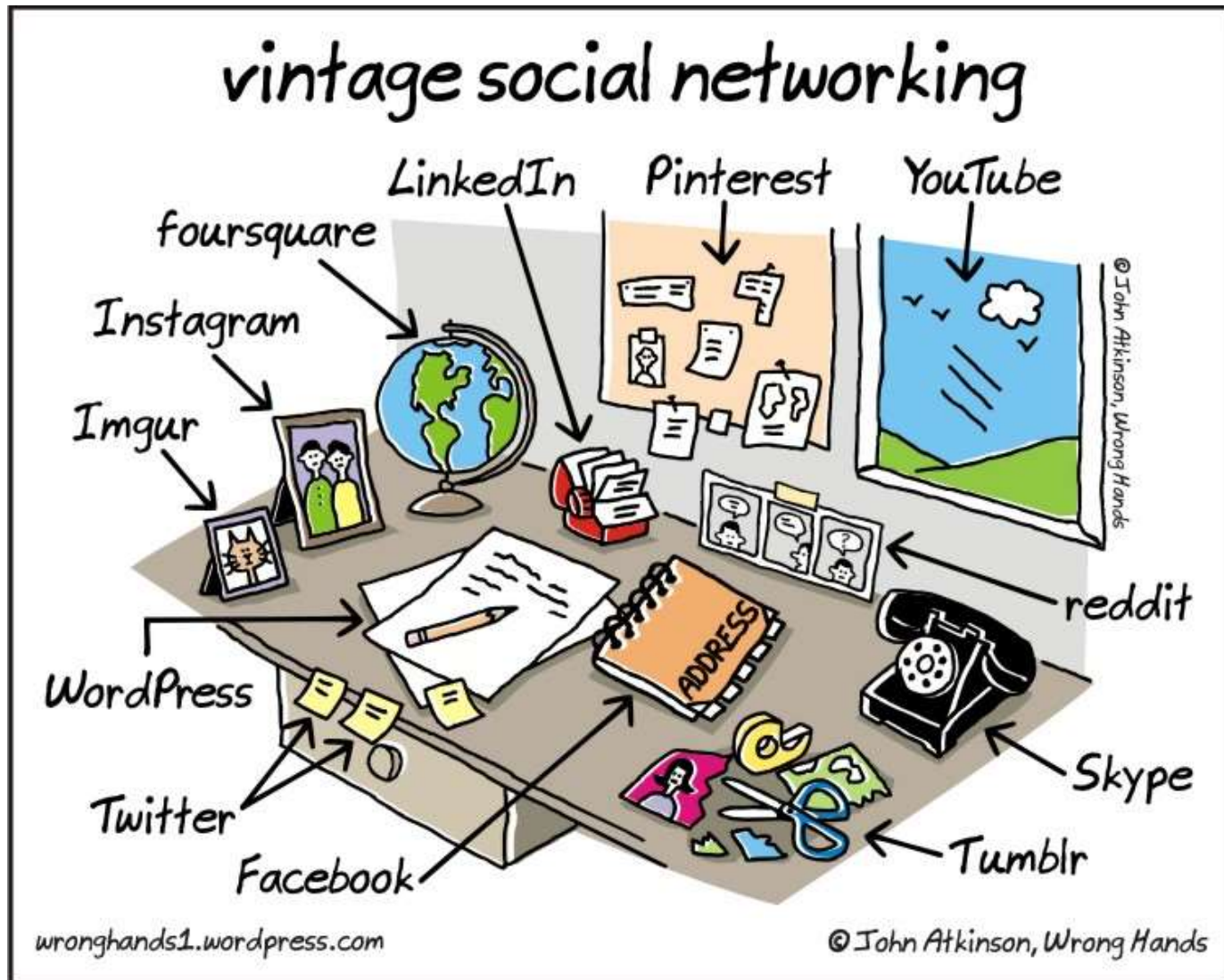
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**HiMSS** *Latin America*  
Conference and Exhibition 2015

## **“Brazilian Civil Rights Framework for Internet: Impacts on Industry Healthcare Information Technology”**

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Fonte: [Wrong Hands](http://WrongHands.com)

## 15 Years Ago



Sigh! Letters



## Today



220 Unread Emails



OMG! A Letter

Fonte: [Facebook](#)

Art. 7 - **Internet access** is essential to the **exercise of citizenship**, and the user the following **rights** are ensured :

III - confidentiality of stored private communications ;

VI - clear information on policies;

VIII - **clear information** on the collection, use , storage, processing and protection of their personal data for purposes that : **justify their collection**;

IX - **Express consent to the collection**, use, storage and handling prominently data;

X - definitive exclusion at the end of the relationship ;

XI - advertising and usage policies to applications clarity of connection providers to applications;

**Art. 10 The retention and the making available of connection logs and access to internet applications logs to which this law refers to, as well as, of personal data and of the content of private communications, must comply with the protection of privacy, of the private life, of the honor and of the image of the parties that are directly or indirectly involved.**

§1º The provider responsible for the retention of the records as set forth in Art. 10 shall only be obliged to provide them, whether separately or associated with personal data or other information that allows the identification of the user or of the terminal, upon a judicial order, as provided in Section IV of this Chapter, in compliance with what is set forth in Art. 7º.

**§2º The content of private communications may only be made available by court order**, in the cases and in the manner established by law, and in compliance with items II and III of Art. 7º.

§3º The provision of the caput of Art. 10 does not prevent administrative authorities to have access to recorded data that informs personal qualification, affiliation and address, as provided by law.

§4º The security and confidentiality measures and procedures shall be informed in a clear manner by the responsible for the provision of the services, and meet the standards set in regulation, in compliance with rights of confidentiality of business secrets.

# São Paulo Justice Court

## Bill of Appeal nº 990.10.493671-3

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SUMMARY: Bill of Appeal. Obligation to do lawsuit, combined with compensation for moral damages. Providing of PIN number. Contradictory conduct of the applicant: had asked deadline, to then claim technically impossible to do so. Withdrawal. User identification. Applicant should provide user's IP. **Claim that the IP is of foreign origin. Irrelevance. Subjecting the applicant, which operates in Brazil, to the Brazilian judicial authority (art. 88, I, CPC).** Decision maintained. Appeal denied, WITH WITHDRAWAL OF SUSPENSION EFFECT GRANTED.

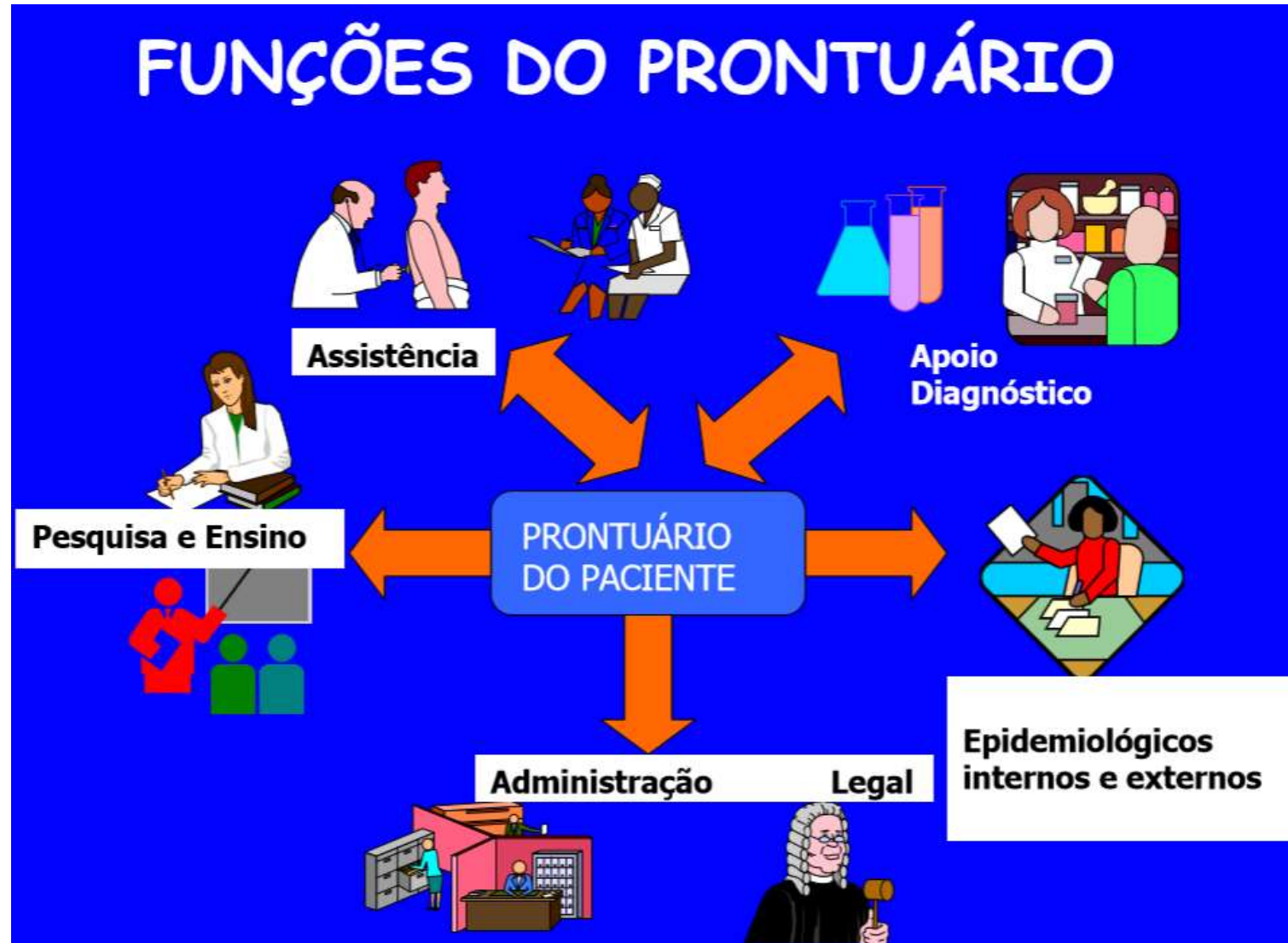


Art. 2 - §1º for the purposes of applying this Resolution, are considered as **social media: sites, blogs, Facebook, Twitter, Instagram, YouTube, WhatsApp and similar.**

§2º It is **prohibited** to publish on social media of self-portrait (**selfie**), **images** and/or **audio** that characterizes **sensationalism, self-promotion or unfair competition.**

§3º The doctor is **prohibited** and to establishments of medical assistance the **publication** of '**before and after**' **pictures of procedures.**





Fonte: Medicina UFBA



# Civil Rights framework for the internet and digital compliance

Practically any company which holds a website and/or that collects personal data will be obligated to ensure a set of rules.

The Civil Rights Framework for the Internet necessarily implies provisions of compliance reinforcement on security information and opens the need of a privacy compliance structure.

It is important to remember that the need of a privacy compliance structure will be reinforced with the coming of a specific bill of personal data privacy protection, running on the Ministry of Justice in a new version and almost ready to be published.



Fonte: [CIO](#)

# Hackers increase attacks the health systems (KPMG - 2015)

- **81%** of **organizations health** area have already been **compromised**, at least once, by **cyber attacks** in the past two years;
- **16%** of organizations in health **cannot detect in real time** if your **systems** have been **compromised**;
- greatest **vulnerabilities**:
  - **external attackers** (65%),
  - **sharing** data with **third parties** (48%),
  - breaches of **employees** (35%),
  - **wireless computing** (35%),
  - **inadequate firewalls** (27%).

**05 reasons** for the **increase** of threats:

- 1) **adoption of digital records** of patients and the **automation** of clinical systems;
- 2) use of **inadequate electronic medical records** (EMR, in English acronym) and **clinical applications** not safe in the current network environment;
- 3) **ease of distribution of electronic information** of health staff both **internally** (via laptops, mobile devices, thumb drives) and **externally** (third party companies and cloud services);
- 4) **heterogeneous nature of the systems on the network and applications** (if enabled respirator pumps for the same network that systems of registration that can browse the Internet);
- 5) **scenario of evolving threats** (cyber attacks more sophisticated and well financed, given the increase in the value of compromised data on the black market);

Fonte: [Computerworld](#)

# The cybernetic dangerous fragility of medical equipment mobilizes authorities

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- **FDA publishes guidelines for businesses protect** their products against **virus and hackers**;
- **United States Department of Homeland Security has detected a weakness** affecting approximately **300 medical devices**, including drug infusion pumps, and respirators external defibrillators;
- **Connect hospital systems and devices to the Internet enables** physicians **consider remotely** the **exams** and computers from one patient to share this information quickly. But this also **creates new entry points** where computer viruses can take advantage of electronic systems;
- In 2010, when the **Conficker virus has infected one entire lab of sleep disorders** in a hospital of veterans in New Jersey;
- **Machine of radioactive therapy**, for example, **if infected, could**, in theory, **change doses of radiation**.

Fonte: uol

- **Page of Simepe** (Union of Doctors of Pernambuco) is the **target of cyber crime** after the murder of a doctor; Fonte: [blog.ne10.uol](http://blog.ne10.uol)
- In Blumenau **cybercriminals** supplying **false medical certificates**; Fonte: [jornais.adjorisc](http://jornais.adjorisc)
- **Medical Center** Australian **suffers cyber attack** in your database. Fonte: [nakedsecurity](http://nakedsecurity)

# Employees who leaked images of Cristiano Araújo dead are dismissed for just cause

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Fonte: R7



# Here's what an eavesdropper sees when you use an unsecured Wi-Fi hotspot

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Fonte: [Pcworld](http://Pcworld)

# Political fingerprint is cloned from photos by hackers

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Fonte: [BBC](#)



# Hackers threaten leak data of 37 million betrayal of the users of the website

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**AM AND EM MUST SHUT DOWN  
IMMEDIATELY PERMANENTLY**

**We are the Impact Team.**

**We have taken over all systems in your entire office and production domains, all customer information databases, source code repositories, financial records, email**

**Shutting down AM and EM will cost you, but non-compliance will cost you more:  
We will release all customer records, profiles with all the customers' secret sexual fantasies, nude pictures, and conversations and matching credit card transactions, real names and addresses, and employee documents and emails. Avid Life Media will be liable for fraud and extreme harm to millions of users.**

Fonte: [Olhar Digital](#)

# Robotic Surgeons Kill 144 Patients and Injure 1,391

- There were **144 deaths** during **robot-assisted surgery**, **1,391 injuries**, and **8,061 counts of device malfunctions** (FDA – 2000 to 2013)
- **Two deaths and 52 injuries** were caused when the **mechanical surgeon** spontaneously powered down mid-operation (not good) or made an incorrect movement (also not good). In another **10.5 per cent of recorded malfunctions**, **electrical sparks burned patients**, resulting in **193 injuries**.
- A major problem, surprisingly, was that **one death and 119 injuries were caused by pieces of the robot falling off into the patient**, requiring a human surgical team to intervene and retrieve the broken hardware. I guess it's nice to know that there are human backups standing by.
- The **most dangerous kind of robot surgery is cardiothoracic and head and neck surgeries** (6.4 per cent and 19.7 per cent of adverse results respectively), compared to 1.4 per cent and 1.9 per cent for gynecology and urology operations.


Fonte: [Ridethelightning](#)

# A Buyers Guide to Stolen Data on the Deep Web

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## Find item Fullz




==FRESH USA FULLZ==

24.5 USD

Ginseng (4.955 - 436)

Ship to WorldWide




☆☆☆☆ -- OVER 60 Carding tutorials...

3 USD

z0mbie688 (4.435 - 39)

Digital item



3 x UK FULLZ -- CVV2, BANK ACC, DOB,...

75 USD

fullz (55 - 9)

Ship to WorldWide

amazon

|   |                  |
|---|------------------|
| Seller  | various (see it) |
| Price   | 5.41 USD         |
| FE  | No               |
| Shipping from   | WorldWide        |
| Shipping to   | WorldWide        |
| Currency  | Bitcoin          |
| Quantity  | 1                |
| 5.41 USD - French Amazon account + cb attached Haxel Senc |                  |

Figure 7 - Amazon account (Nucleus black market)

Market / Fraud Related / Accounts / 1 Hacked facebook account



facebook HACKED!

**1 Hacked facebook account**

Price: \$4.99 USD / 0.018585980 BTC [escrow](#) [Multisig](#) [POP](#)

Quantity: unavailable/1

Ships from: Worldwide

Vendor: AccountVendor (4.0% from @user)

User: AccountVendor

Contact: accountvendor@mailor.net

[Add Contact](#) [Send Message](#) [Subscribe Vendor](#) [Report Listing](#)

Shipping Options: Worldwide - \$0.00 USD / 0.000000000 BTC

Quantity: 1

[Multisig](#) [Buy Now](#)

Australia Physical ...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 9.30954675 [Buy](#)

Latvia HQ Passport ...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.07447957 [Buy](#)

Sweden ID Scan (KOK...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.11171935 [Buy](#)

Israeli HQ Passport...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.07447957 [Buy](#)

Hawaii ID Scan

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.05585968 [Buy](#)

Ceska Republika ID ...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.09309947 [Buy](#)

French HQ Passport ...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.2792984 [Buy](#)

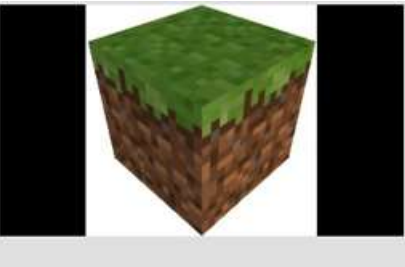
British License and...

Qty: 1 pcs

takemarket

Ship to: Worldwide

฿ 0.24578259 [Buy](#)



Minecraft Account

Price: \$5.00 USD / 0.018585980 BTC [escrow](#) [Multisig](#) [POP](#)

Quantity: unavailable/1

Ships from: Worldwide

Vendor: AccountVendor (4.0% from @user)

User: AccountVendor

Contact: accountvendor@mailor.net









[Add Contact](#) [Send Message](#) [Subscribe Vendor](#) [Report Listing](#)

Shipping Options: Worldwide - \$0.00 USD / 0.000000000 BTC

Quantity: 1

[Multisig](#) [Buy Now](#)

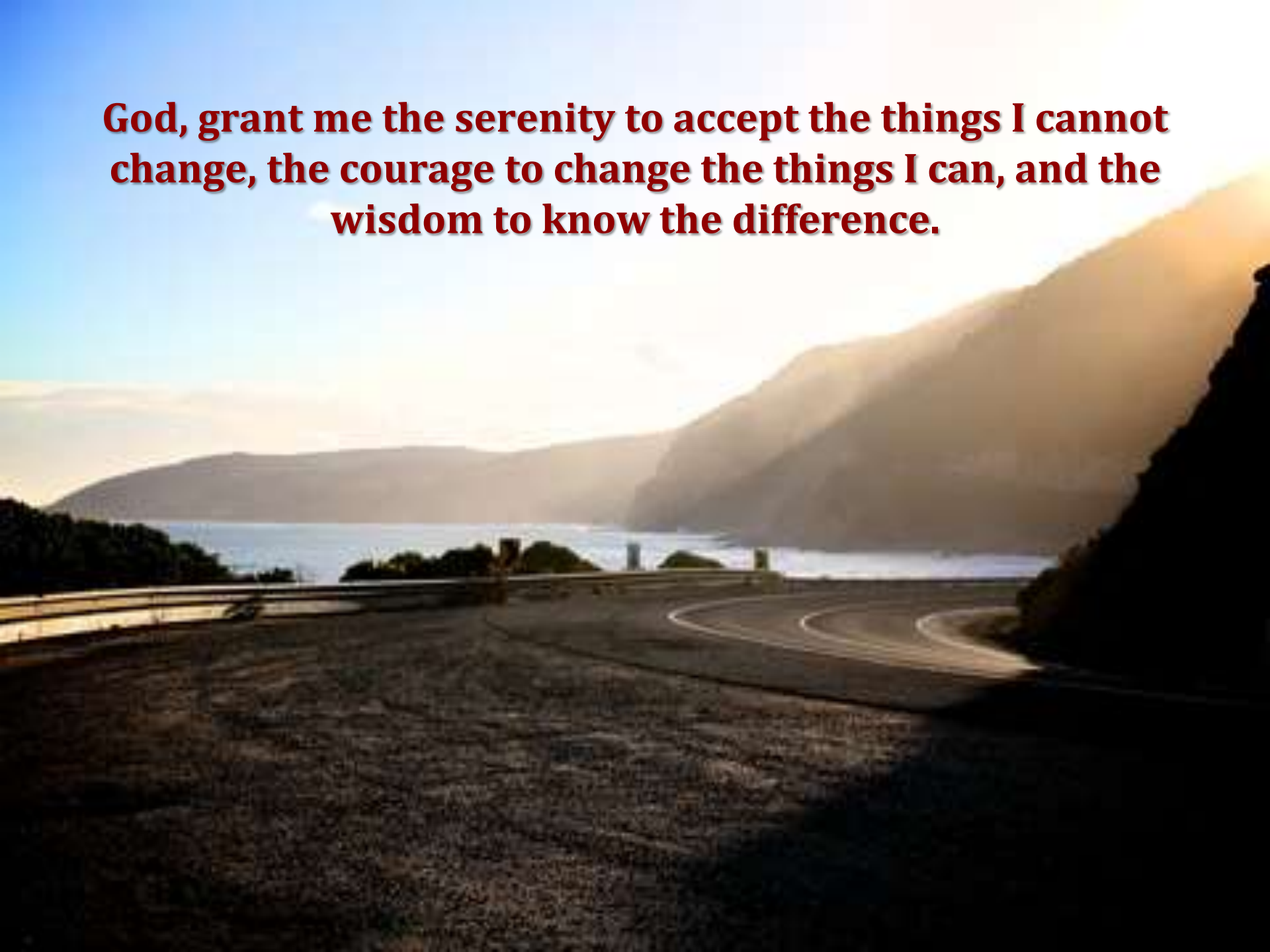
Fonte: [Norsecorp](#)

-  Disclosure of household appliance's secret project on social network before its launch;
-  Disclosure of new motorcycle model prototype via photo taken on a smartphone;
-  Database usage for practice of electronic frauds;
-  Offensive video against a company's director and its trademark on YouTube;
-  Undue obtaining of CV's;
-  Financial institution's employee publishes company's balance sheet on his personal blog;
-  Forklift machine operator is caught practicing drift on YouTube;
-  Dropbox used to leak sensitive information.

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"><li>• Password authentication;</li><li>• Internet access;</li><li>• Use of social networks;</li><li>• BYOD;</li><li>• File transfer (uploads and downloads);</li><li>• E-mail usage;</li><li>• Instant messaging (<i>messenger</i>);</li></ul> | <ul style="list-style-type: none"><li>• VOIP;</li><li>• Hardware usage;</li><li>• Software usage;</li><li>• Correct usage of portable storage devices (<i>notebooks, smartphones, pendrive, among others</i>);</li><li>• Use of multifunctional printers and reprography equipment;</li></ul> | <ul style="list-style-type: none"><li>• VPN access rights;</li><li>• Back-up control;</li><li>• Replication, <u>redundance</u> and continuity control;</li><li>• Documents and <u>eletronic</u> logs storage;</li><li>• Digital certificate usage;</li><li>• IT help desk;</li><li>• Update internal rules.</li></ul> |
|--|---|---|



**God, grant me the serenity to accept the things I cannot  
change, the courage to change the things I can, and the  
wisdom to know the difference.**



# RENATO OPICE BLUM

Master by Florida Christian University, lawyer and economist; 'MBA on Electronic Law' from Escola Paulista de Direito and Digital Law and Coordinator Professor from Insper; coordinator of the first Digital Law course from FGV/GVLaw, (2011); Coordinator Professor of the extension course 'Digital Law' from Escola Paulista da Magistratura (2014), Professor at USP; Vice-Chair of the Privacy Committee, Electronic Commerce and the American Bar Association Data Security and the Committee on International South American Associates Technology Law Association; Invited member of the Data Protection and Cybercrime Division of the Council of Europe; Member of the European Association of Privacy - EPA'S; Chair of the Permanent Commission for Study of Information Technologies at IASP; Chair of the Information Technology Committee at Federação do Comércio/SP and the Technology Law Committee at American Chamber of Commerce; Vice-Chair at the Electronic Law and High Technologies Crime Commission at OAB/SP; Invited Professor/Panelist at international conferences : EUROFORUM - International and European Data Protection Day; LegalTech; Technology Policy Institute; Council of Europe; SEDONA; American Bar Association; International Technology Law Association; High Technology Crime Investigation Association; Information Systems Security Association; International Association of Privacy Professionals; Georgetown Law CLE; International Law Association and Inter-American Bar Association; Professional indicated at the 44th position of the list "Top 100 Lawyers to follow on twitter - 2015" site evancarmichael.com; Professional recognized for 03 consecutive years in international publications such as Chambers & Partners and Best Lawyers; Author of "Electronic Law - The Internet and the Courts"; Coordinator and co-author of "Electronic Law Manual and the Internet"; @opiceblum

Languages: Portuguese (native), English and Spanish



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