

mentation of the resulting strategy. The effectiveness evaluation is the continual feedback into the decision making.

There are numerous risk assessment methodologies available today, some qualitative and others more quantitative, and a major task for an organization is to determine which one to use. Since the organization will spend money on its risk analysis methodology, it is critical that a methodology be selected that will meet its needs. The best way to choose between methodologies is to compare them, using objective, quantifiable criteria. This is where a framework for comparison is needed. If the criteria that are used are applicable to all risk analysis methodologies, the organization can compare different methodologies objectively, and decide on the best one.

This paper covers some of the methodologies currently available to assess information security risks. This is done in order to investigate the criteria that can be used when selecting methodologies.

#### References:

1. Kiran Kumar Kommineni, Adimulam Yesu Babu , An Approach for the Assessment of the Information Security and Its Measures, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-3, Issue-1, March 2013 .
2. Anita and Les Labuschagne, A Framework Comparing Information Security Risk Analysis Methodology, 2005.
3. Nik Zulkarnaen Khidzir, Azlinah Mohamed, Noor Habibah Hj Arshad, Information Security Risk Management ,An Empirical Study on the Difficulties and Practices in ICT Outsourcing, Second International Conference on Network Applications, Protocols and Services,2010.
4. A Qualitative Risk Analysis and Management Tool - CRAMM: [http://www.sans.org/reading\\_room/whitepapers/auditing/qualitative-risk-analysis-management-tool-cramm\\_83](http://www.sans.org/reading_room/whitepapers/auditing/qualitative-risk-analysis-management-tool-cramm_83)
5. Neeta Shukla, Sachin Kumar, A Comparative Study on Information Security Risk Analysis Practices, Special Issue of International Journal of Computer Applications (0975 - 8887) on Issues and Challenges in Networking, Intelligence and Computing Technologies - ICNICT 2012, November 2012.
6. Information Supplement • PCI DSS Risk Assessment Guidelines • November 2012.

## Global ICT Trends Emerging in 2013

### Smart handheld devices are red hot.

Early in January each year, the Las Vegas Consumer Electronics Show (CES) is not just the world's largest consumer electronics exhibition: it's a strategic battleground for ICT heavyweights. Moreover, many regard CES as a leading indicator of electronics industry trends. After participating in CES, ITRI has identified 10 new trends in the global ICT industry.



In 2013, the tablet business is likely to continue strong growth.

#### Big Data Drives Cloud Opportunities

In recent years, an increasing number of enterprises have used big data as a basis for business intelligence analysis, and they plan to build intelligent systems frameworks through cloud computing. Chung predicts that in the next 10 years, this strategy will extend to manufacturing, health care, telecommunications, retail, energy, transportation, automotive, security and other industries, creating considerable opportunities.

It is worth mentioning that as companies have begun to actively develop emerging cloud applications and provide customers cloud services, business opportunities look attractive for the optimization of business processes and creation of large data centers.

In 2013, the tablet business is likely to continue strong growth with global shipments expected to reach 200 million units and an annual increase of approximately 38%. ITRI estimates that tablet's promotional activities to provide customers real-time spreadsheets, documents, and other business applications will reach an annual growth rate of approximately 46%. The tablet's supply of shopping, logistics, education, social media, entertainment, health counseling, and other service-oriented applications will achieve an even more dazzling growth rate of as much as 52%. These two segments will be major forces pulling the tablet business forward.