

**KEY-NOTE ADDRESS BY S. PRABHU, IAAS, CISA, CIA, PG Dip. ADR**  
**PRINCIPAL ACCOUNTANT GENERAL(A&E), KARNATAKA**

His Excellency **Shri H.R. Bhardwaj**, the Governor of Karnataka, **Dr.Whitefield Diffie**, Father of Public Key Encryption, VP for Info.Security at ICANN & Security Advisor to Uniken, **Mr.Edward Schwartz**, VP and Divisional, CISO, RSA and distinguished guests and delegates of the Information Security Conference and India Technology Leadership Summit 2011 organised by **SECURITYBYTE**. **HRIDAYAPURVA NAMASKARA.**

**SECURITYBYTE** is in league with **Government, Government executives, Industrial leaders in Information Technology, Industrial innovators, creators, who have been trend-setters in Information Security** at **Bengaluru** in organising this Conference.

It is an excellent initiative by **SECURITYBYTE** to **foster the knowledge** of Information Security. While doing so, they are also trying to **flag the latest issues on Information Security** so that it could be **discussed, debated and come to the most acceptable solutions**. The Conference is **vertically integrating the Bigwigs** like, **Whitefield Diffie**, Father of the Public Key Encryption, **Mr.Edward Schwartz**, VP and Divisional CISO, RSA, **Mr.Hord Tipton**, Executive Director(ISC)2, **Mr.Richard Marshall**, Director, Global Cyber Security, Department of Homeland Security and **Mr.Jay Bavisi**, President & Co-Founder, EC Council and the students from various Technological Institutes.

This Conference is thriving to analyse and evaluate the appropriate technology to identify the problem areas in Information Security. Strike a balance to isolate the issue and come out with plausible solutions with the participation of younger generation. It accelerates the process to obtain the right knowledge to combat the issues posed by the ever-changing Information technology.

The opening up of **dynamic Technology** has paved way for a world of **challenges and opportunities**, especially in the fields like **e-Commerce, e-Finance, e-Governance Cloud Computing, Mobile Computing and Grid Computing**.

All these **issues need to be addressed** and **adequate security measures** be adopted without much lapse of time. The Conference **also focuses on self-regulated norms**, based on **trust and good faith which play a pivotal role in the expansion of electronic-media**. This Conference has provided the right platform to deliberate these issues and draw the road map for its advancement.

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***S. Prabhu, IAAS, Principal Accountant General (A&E), Karnataka.***

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I am extremely glad to find the Conference is discussing on **Mobile Security, Network Architecture and Firewall Basics, Hacking Web 2.0 Applications – Attacks & Defense, Mastering the Dark Art – Exploit Development and Advanced Metasploit, Secure Javascript for Developers, SAP Security : Attack and Defense, Web War IV** etc. for the benefit of young technocrats who are aspiring to be the leaders of tomorrow. All these activities unfurl the thoughts to establish more organized, institutional frameworks, policies and organizations to be established at the earliest possible time.

Through this Conference probably, we may urge for a **National Level Nodal Agency** that can take the stupendous task in casting hopes amongst **Information Technology Entrepreneurs and Information System Security Leaders**. It should bridge the technological gap between the rural mass and educated elitists in the cities and also **build trust amongst** them so that all the stake holders who are involved in the Information System Security can participate and contribute in a structured manner.

For that we have to encourage **younger thechnologists** to take up the task of **research and creative work** by providing them adequate infrastructure and expertise in the field of Information Systems and Security.

With the **growth of Software Industry in India** and awareness created by the various **Governmental and non-Governmental Organisations and the initiatives taken by similarly placed Organisations**, like SECURITYBYTE, India has become one among the **greatest exponents of software man-power resources**. Yet, there is a **wide gap between the availability of software resources and existence of hardware resources within this country**. Probably I may **appeal to the concerned Members** that we have to **bridge this gap** by taking adequate measures, putting extraordinary efforts and fostering the manufacturing activity of hardware **by providing Tax holidays, subsidies and other incentives**.

We can enhance the technological needs of those members and also reduce the **trust deficit amongst partners of various Organisations** including **Government, Private and Security Organisations**.

This initiative should strive to promote **Public-Private-Partnership** as a Tool and as a **Path Finder to amalgamate various stake-holders under one roof** so that the benefit could be maximized for the growth of the **Information System Security Industry**.

We have to conduct **Brain-storming sessions, mini conferences, seminars, debates and discussions** in **disseminating** the **awareness programmes** of Information Security to outreach the masses. We should also enable them to understand the concept of **Global Village** and teach them appropriate security measures which can **protect the information assets at the grass-root level**.

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**Improve upon the existing laws**, like, Information Technology Act, 2000 & amended in 2008, to suit the present day needs and **revisiting every aspect** of the law based on the past experience by **forming Committees of experts and think-tanks in the field**.

Apart from locating a Branch of **Cyber Appellate Tribunal at Bengaluru**, we have to initiate proper forum for redressing the grievances of this industry through Alternative Dispute Resolution mechanism, like, the one in Delhi International Centre for Alternative Dispute Resolution – **International Centre for Alternative Dispute Resolution for Information Technology (ICADR-IT)**, be established in Bangalore. **This will activate the process of settling disputes in the International Commercial Activity in Karnataka, especially in the electronic city of Bengaluru**. Apart from that a **study centre-cum-research Institute** be considered to be housed in Bengaluru, **which can on a permanent basis to conduct all these types of activities and throw open the research work field to young entrepreneurs on a continuous basis**. This Institute may identify the talents and develop them into IT specialists in various fields of Information Security.

This **Conference** helps to **identify and improve the Governance Process by strengthening the process of Information Systems Security and improving transparency through automation**.

Find out ways to **introduce computer safety and security as a part of the curriculum in schools and colleges**.

Enabling to indentify the **innovators, trend-setters, research specialists** in the field of **Information Technology and Information Systems Security** and form a **Talent Pool** for our use.

This **talent pool** should **pave way for teaching them about Information Safety, Information Security and Digital Forensics in schools and colleges, to create a conducive environment**.

How to mitigate this through **Risk Transfers**? In case of **transferring the risk of Information System Security issues**, how to go about **indemnifying the loss through the Insurance methodologies**.

Finally, **networking these members on frequent intervals to review the status on a regular basis**. This is very much essential because this is an ever changing dynamic field and with abnormal growth.

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