

www.cssl.lk | JANUARY | 2015



Harsha Purasinghe is a serial entrepreneur who founded a number of technology ventures & contributed towards building notable products since his debut in software industry at the age of 19. Harsha founded Microimage in 1995 and over the years built it to become a leading technology innovator in Human Capital Management, Media/Broadcast, Mobile & Digital Convergence. Under Harsha's leadership Microimage won many local & global awards to date.

Today, Microimage is considered the most Successful High School Start Up Story in the ICT industry of Sri Lanka.

In 2013, Founded WSO2 Mobile to build a suite of lean, enterprise, mobileware to solve enterprise mobility challenges. This was incorporated, as a fully owned subsidiary of WSO2 the leading open source middleware company backed by venture capital.

Harsha was recognized as the "Most Outstanding Entrepreneur in IT/BPO industry in Sri Lanka" in 2007. He was also one of the 21 selected globally for the "2014 Eisenhower Innovation Fellowship" granted by the Eisenhower Fellowship in the US.



Harsha is a big sports enthusiast and plays badminton from school days. He won couple of Mercantile Badminton Championships in Sri Lanka playing Doubles. He is also a big follower of Cricket, Rugby & Foot Ball. Harsha loves listening to Music, playing the Guitar, traveling to exotic destinations, cooking & mentoring young startups/entrepreneurs during his spare time.

Founder / CEO

## **Microimage**

1995 - Present

Founded in 1995, Microimage is a leading human capital management software solutions provider. MicroimageHCM products are used by diverse client base across Middle East to East Asia at present. HCM product is designed to streamline human resource plan, attract, retain, develop, reward and align people towards company's business goals and objectives.

At Microimage, our vision is to be a "Leading Technology Innovator for People Driven Business". Our Mission is "To continuously innovate to deliver advance HCM technology for people driven business"

We are an ISO 9001:2008 certified company. We maintain high standards when it comes to product quality assurance, professional services and post implementation support. Microimage also work closely with Microsoft Corp, as a Microsoft Certified Partner. Our product engineering team consists of software engineers who have contributed to some of the award winning products in the past.

With over 10 years of domain experience in human resources working closely with HR consultants and related domain experts, company continues to incorporate best HR practices with latest innovative technologies. Today we have market presence from Middle East to East Asia a base ranging from small & medium businesses to large-scale enterprises. We have a strong partner network in the countries to provide comprehensive implementation & post implementation support services.

Founder / CEO

## **Microimage Mobile Media**

November 2007 – Present

Founded Microimage Mobile Media which was ventured out of Microimage to establish business focus in respective entities. Microimage Mobile Media since it's inception has done ground breaking innovations in the media & mobile domain. Microimage Mobile Media is the only broadcast automation solutions company based out of Sri Lanka. The company's cutting edge software powers all the key media networks in Sri Lanka and in some of the regional countries. Microimage Mobile Media's key products include mStudio - Complete Software for Radio Stations, vStation - VIdeo Broadcast Platform, Mobile Platforms and Apps for iOS/Android. Also company combines it's software together with HP Hardware and DigiGram Audio Components to provide end to end broadcast solutions in the media domain.



Founder / Director

## **Microimage HCM Asia**

July 2014 – Present | Kuala Lumpur, Malaysia

Microimage HCM Asia is a joint venture between Asia-based OMESTI Group and Microimage Sri Lanka. Omesti part of Formis Resources Berhad, a diversified IT conglomerate, while Microimage is a leading HCM (Human Capital Management) solutions provider. Microimage Asia combines the financial strength and business network of the Omesti Group with the extensive and proven HR domain-centric R&D expertise of Microimage Sri Lanka.

Microimage is renowned for its deep expertise in designing comprehensive HR solutions, providing efficient implementation and post-implementation support services for more than a decade in Asian markets.

Omesti brings together a collection of dynamic enterprises, following an unconventional operating model that allows innovation to thrive and businesses to succeed. Omesti acts as a gateway into Asia for companies looking for investors and partners in untapped markets.

Delivering a range of Human Resource Technology solutions combined with HR domain experience, Microimage Asia accelerates the shared vision of Becoming a leader in providing HCM Technology for People-Driven Businesses in Emerging Asia.

Our team comprises industry experts with decades of experience in delivering cutting-edge products and a gamut of HR solutions across multiple platforms. We deliver our solutions as on-premise, managed service and Cloud SaaS offerings.

Founder / CEO

### **WSO2 Mobile**

February 2013 – February 2014 | Palo Alto, CA

WSO2Mobile, a subsidiary of WSO2 Inc., is focused on delivering a complete suite of lean enterprise mobileware to solve the mobile computing challenges faced by enterprises today. The WSO2Mobile Enterprise Mobility Platform will build on the comprehensive, open and modular capabilities of WSO2's award-winning enterprise and cloud middleware. A successful entrepreneur backed by technical experts in the mobile technology domain leads WSO2Mobile. To learn more, visit: http://wso2mobile.com.











### **Honors & Awards**

#### Eisenhower Fellow - 2014 Innovation Program

Eisenhower Fellowship, Philadelphia

2014

Eisenhower Fellowships identifies, empowers and links outstanding leaders from around the world helping them to achieve consequential outcomes across sectors and borders. EF provides a transformational experience leading to a lifetime engagement in a global network, where dialogue and collaboration make the world more prosperous, just and peaceful.

#### ICT Leader of the Year

Computer Society of Sri Lanka 2014

## Most Outstanding Entrepreneur IT/BPO Industry Excellence Awards 2008

40 Under 40 - Business Leaders Listing Echelon Magazine May 2013

CMO Asia Brand Leadership Award
CMO Asia
2011



CSSL ICT Leader of the Year 2014

## **Additional Honors & Awards**

WSA Global Mobile Award for m-Inclusion (Microimage) - Abu Dhabi (2010)

GSM Asia Innovation Award - Singapore 2006 (Microimage)

GSM World Award Finalist Judges Commendation - Barcelona, Spain 2007

NBQSA BCS Awards Sri Lanka - Overall Winners 2004/2005/2006/2008 (Microimage)

National Science & Technology Awards from President 2006 (Microimage)

Asia Pacific ICT Awards (APICTA) Runners Up - 2008 (Microimage Mobile Media)



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It is with great pleasure; we announce that Dr. Dayan Rajapakse, President of The Computer Society of Sri Lanka has been appointed as the President of South East Asia Regional Computer Confederation (SEARCC).

The South East Asia Regional Computer Confederation (SEARCC) is a forum of national Information Technology professional societies in the Asia Pacific region. The concept of a regional computer confederation grew out of the first regional computer conference held in Singapore in September 1976 under the auspices of the International Federation for Information Processing and implemented by the Singapore Computer Society. The Charter and Constitution of SEARCC was signed in Singapore on the 28th February 1978. Six national societies from the region, the Hong Kong Computer Society, Indonesian Computer Society, Malaysian National Computer Confederation, Philippines Computer Society, Singapore Computer Society and Computer Association of Thailand were the founding signatories.



# Dr. Dayan Rajapakse Appointed as the President of Society (ACS), Computer Society of Repub SEARCE

Australian Computer Society (ACS), Computer Society of Republic of China (CSROC), Computer Society of India (CSI), South Pacific Computer Society (SPaCS), Malaysian National Computer Confederation (MNCC), Papua New Guinea, are also among the SEARCC members.

The Computer Society of Sri Lanka represents Sri Lanka in the SEARCC.



SEARCC strategy seeks to achieve its vision to be the key collaborative body for National ICT professional associations in the Asia Pacific region, helping our members to prosper and grow.

Dr. Dayan is the current President of the Computer Society of Sri Lanka (CSSL), and has been a member of the CSSL since 2008. Dr. Dayan Rajapakse is the founder of ESOFT Computer Studies (Pvt) Ltd and now he is the Chairman and Managing Director of the ESOFT Group.

While congratulating Dr. Dayan on his achievement, we wish him continued success in his future endeavors!







There is no argument about the popularity of the social platforms such as facebook, youtube, twitter. These platforms can be used to stay in touch with your friends, increase sales revenues for organizations and as a collaboration tool to stay connected with the public. However, each of these benefits comes at a cost, putting your private information at a risk/ exposed. We aim to discuss the common security risks associated with usage of these platforms including risk mitigation strategies.

#### Resource Person:

#### Mr. Parakum Pathirana

MSc, FBCS, CISA, CISM, CGEIT, CISSP, ISO 27001 LA, MCP, CHFI, QCS, ITIL, CCSK

Parakum is currently working as the Principal Consultant at LOLC Technologies and serves on the board of the ISACA Sri Lanka chapter as the Vice President and also a founding member of the local (ISC)2 chapter. Parakum is a regular speaker at local information security conferences and has over 9+ years' experience on the information security field. Parakum was recently honored in Beijing, China by (ISC)2 under Asia-Pacific Information Security Leadership Achievements (ISLA™) under the information security practitioner category. He is passionate about #social media, #cycling and #infosec.

#### Organised By:

The Computer Society of Sri Lanka ( CSSL) Special Interest Group ( SIG ) on IT Security.

#### For Inquiries:

Email: admin.exec@cssl.lk / Tel: 0114713290

#### The Program:

Date: 24th February 2015 Time: 5.30PM to 6.30PM

Venue: CSSL Professional Center, Colombo 07

Investment: Free





Professional Centre 275/75, Prof. Stanley Wijesundara Mw, Colombo 07



## cssl IT Security SIG Launched

The Special Interest Group on IT Security was formed to provide a forum for CSSL members and other interested professionals to meet, discuss, and share knowledge and practices on IT security.

The inaugural meeting of the SIG Security Steering Committee was held on 22nd January 2015 at the CSSL Secretariat. The first invited members were from CSSL, University of Moratuwa, UCSC, SLIIT, SL CERT, TECHCERT, ISACA, and Firms dealing with IT Security. In the future ISC2 and representatives from Commercial Organisations including Banks will be invited. Interested CSSL Members are invited to join the SIG Security Steering Committee, and for this purpose please email the CSSL Secretariat for an invitation to the next Steering Committee Meeting.

The way forward for the SIG Security was discussed in detail.

Currently, we have planned a public lecture on an IT security topic, to be held once every two months.

The first lecture is by Mr. Parakum Pathirana on 24th February 2015

CSSL has agreed to allocate a page in its newsletter for IT Security, to make our members knowledgeable on the new areas of this important subject.

It was, also, decided to enhance capacity in IT Security.

As such it was decided work with other professional societies in IT security to promote their qualifications among the CSSL Members, so as to, enhance their knowledge and provide a recognized professional qualification in IT security and audit for our members.

In the future we will be holding an IT Security Conference to share knowledge of Sri Lankan and overseas research and knowledge on IT Security and to promote research on this topic.

We will look at funding research fellowships in IT security.

The future areas we would look at include (but not limited to) IT Security for: cloud, Internet protection (firewalls, IDS etc.), social engineering, audits, PCI, Banking, Insurance, Disaster Recovery, Business Continuity, audit and governance etc.





## 5 Ways

## an experienced CISO should drive high-quality Information Security programs

As the counter and severity of cyber-attacks and security breaches continue to rise, the presence and power of chief information security officers (CISOs) have increased significantly, and this job is now among the fastest growing positions in the corporate C-suite or the senior management. Recent developments starting from early 2014 in Srilankan context, several organizations (especially in the financial sector) demands a dedicated senior officer's involvement in managing information security risks in the governance framework.

CISO role should be to protect the organization's reputation, information assets, and intellectual property, as well as to guide the implementation of innovative technologies to ensure that all business transactions are conducted securely. To full fill stake holder's expectations for making the digital Infrastructure a safer place to work and conduct businesses, the CISO role needs to have an insight on overall business processes at a higher level.

The below 5 ways are designed to help CISO's and top level Info-Sec officers in charge, to avoid operational difficulties that complicating carrying out of tactical and strategic functions.



#### More you know your business, more you know your playground

Deep understanding on your business is extremely important for a CISO. Due to the fact that most of the senior CISO's are developed through a pure IT, Technical or Audit background, those individuals are very reluctant to understand the nature of the business they involved. True, your objective is to understanding IT and Information Risks, also making sure proper controls in place, but you won't be able to become an "excellent contributor" to the senior management forum if you become a silent listener all the time and activating only during security discussions. Be familiar with products, solutions you offer and revenue generating models while understanding the enterprise culture you survive.





#### Be a salesman for the entire organization

Being a CISO, play a distributed role. Ultimately you will be the personnel justifying the "Info-Sec Budget", in another words selling the business case to the CEO or Board of Directors. Build strong communication skills to sell yourself and your idea to the stake holders. Once in a while, sit with an end-user and educate him why the corporate has blocked using the external USB drives and the reasons for not letting you browse cloud storage sites such as Drop Box. Spending time with all layers in an organization will be a success factor for a friendly CISO since ultimately your security vision will be enforcing to everyone at each layer engaging sensitive information assets.



#### Continues education and awareness

The CISO should also pursue continuous education, such as vendor-neutral certifications, including certifications offered by (ISC)2, ISACA,SANS...etc. These qualifications refresh the memory, invoke new thinking, increase credibility, and are a mandatory part of any sound internal training curriculum. Also don't scream in front of your CEO for approving budgets for next RSA conference or Black Hat events, when company is going through a crucial situation. There are many modern facilities available for gaining knowledge such as webbex sessions with live instructor interaction. Spend some time with google, write to forums, wait for free security educational sessions, join the session as a team, explorer youtube and type the interested areas. The world of education and security updates in your fingertips until your company performs good numbers and showed a green lights for IS training budgets.



#### Be smart with the political landscape

Know the politics that you will win and which you will likely lose. Many Info-Sec officers are faced with daily surprises of how Information Security was left out of the decision making process and finally a new online portal for financial transactions is active and exposed to the internet. This is where a CISO should demonstrate executive maturity. Always re-establish positive and productive relationships with business owners. Argue with facts and business related points. Don't mention any bits and bytes. They hate it. Speak business. Take examples. Be a good communicator. Else you will be just a member to occupy a black seat in the C-Suit.





#### Drop hard efforts in sustaining security resources

In today's world, chief information security officers (CISO) are often challenged with a lack of resources ranging from reduced budgets to lowered headcounts. In Srilankan context, every year we lose talented security professionals with their objectives on having a comfortable life styles in overseas. None of us can stop this till the industry gets matured and seeks the involvement of security officers in every critical organization. Also it is in-practical to pay a high remuneration for Info-Sec members, while top profiles also gaining a lower income in other departments. Keep a trusted external security consultant, those offer great service and are strategic to the Information Security programs. Those advisors might hire on contract basis, project basis or even as a volunteer service if possible, and then CISO's can minimize the expenditures for maintaining senior level on-site resources. CISO should make sure they took wise decisions while selecting consultants, and they should not entertain any "security product promoters".

#### Wasantha Perera





Wasantha helps range of commercial companies, agencies and specialist teams in the region as an independent security advisor to secure business critical information assets. During his career he served leading organizations including Millennium IT, N-able (A fully own subsidiary of Hemas Holdings PLC), Bartleet Group and MAS Holdings. He is the Head of Information Security and Compliance at Colombo Stock Exchange, the national stock exchange in Srilanka and also the president of (ISC)2 local chapter. (ISC)² is a non-profit organization which specializes in information security education and certifications and it has been described as "world's largest IT security organization". Wasantha holds bachelors and a master's degree from University of Peradeniya and also received multiple prestigious awards in the security industry including (ISC)2 Presidents Award 2014, (ISC)2 Honoree in Senior Information Security Professional Category and Certified CISO awards finalist in EC-Council Global CISO Awards 2014.



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