ISS World®

Intelligence Support Systems for Lawful Interception, Cyber Investigations and Intelligence Analysis for Europe, Middle East, Africa and Asia

25-28 FEBRUARY 2007 • DUBAI, UAE

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Four ISS World Tracks:

Conference Track 1
Lawful Interception Technology and Solutions Track

Conference Track 2
Investigative Analysis Technology Development and Solutions

Conference Track 3
Lawful Intercept Regulatory Development and Telecom Operators Compliance

Conference Track 4
Law Enforcement and Intelligence Analyst Training and Product Demonstrations

To attend Track 4 you must be a sworn Law Enforcement Officer, Intelligent Analyst, Homeland Security, Justice, Interior or other Government employee with counterterrorism or criminal investigation responsibilities.

Keynote Sessions

Monday, 26 February, 2007

9:00-9:15
Welcoming Remarks

*Tatiana Lucas, **ISS World Program Director***

9:15-10:00
Lawful Intercept Industry Overview

*Tony Rutkowski, President, **Global LI Industry Forum** and VP **VeriSign***

10:30-12:00
Lawful Intercept Guru Roundtable

*Dr. Jerry Lucas, President, **TeleStrategies***
*Chris MacFarlane, President, **ETI Connect***
*Carlo Rogialli, CTO, **RCS***
*Alessandro Guida, Solutions Architect, **ATIS-Systems***
*Tony   Rutkowski, **VP**,   **VeriSign***
*Dr. Andrew Watson, Technical Director, **Detica***
*Praveen Kankariya, Chairman, **Clear-Trail***
*Andrea Formenti, CEO and Founder, **AREA (Italy)***

13:00-14:00
Government Keynote Panelists

Funsho Fayomi, Assistant Director, Legal Services, **Nigerian Communications Commission**
Masoon Shukair, Commissioner, **Telecom Regulatory Commission, Jordan**
Shamsul Jafni Shafie, Head Information and Network Security Department Content, **Malaysian Communication**
Mohamed Ali Eid, Director General, **Ministry of Post and Telecommunications, Somalia**
Basil Udotai, Esq., Office of the National Security Adviser, **Cybercrime Working Group , Nigeria**
Gen. George Boustani, Ex Executive Committee Member of Iterpol, **Lebanon**

Conference Track 1
Lawful Interception Technology and Solutions Track

Monday, 26 February, 2007

13:00-13:30
Latest Development for LI in Broadband and Next Generation Networks
This presentation will discuss the possible active and passive architectures for lawful interception in Broadband and next generation networks.
David Tree, Director Business Development, **SS8 Networks**

13:30-14:00
Deploying Media Probes in Evolving VoIP Networks
As network architectures become more distributed the need to deploy cost-effective media probes becomes critical to building successful VoIP networks. This presentation explores how solutions can track network growth as they evolve from centralised to distributed architectures.

Dave Gladwin, Marketing Manager, **Newport-Networks**

14:30-15:00
Why Sample When You Can Monitor All Network Traffic Inexpensively?
Using established commercially available technologies, anomaly detection systems and network intrusion detection systems can now be run losslessly at full line rate on telecommunications networks. Armed with 100% flow monitoring and deep packet inspection capabilities, peering partners' and top-talkers' traffic can be scrutinised in depth, and Network Managers can isolate threats to service performance.

Dan delaMare-Lyon, EMEA Channel Manager, **Endace**

15:00-15:30
Lawful Interception and Location Based Services (LBS)
A brief overview of LBS and its value within the LI environment, technical challenges and implications for the network's interception management system and the monitoring centre

Alexander Hoessrich, Managing Director, **ATIS-Systems**

16:00-16:30
Extending Lawful Interception beyond Telecommunication
New services like peer-to-peer VoIP and possibilities like end-to-end encryption will lead to requirements for integration of additional data, e.g. from financial services and traffic control and toll systems. This presentation highlights possible data sources, how this data can be accessed in networks and how it can be delivered securely to LEAs.

Rudolf Winschuh, Business Development Manager, **UTIMACO**

16:30-17:00
Next Generation Lawful Intercept
This session addresses current and near-future challenges relating to lawful intercept. During the session, solutions to lawful intercept of converged communication will be presented, including Data and VoIP.

Chris Macfarlane, President, **ETI Connect**

<p align="center">**Tuesday, 27 February, 2007**</p>

9:00-9:30
Deliver Accurate Intelligence for Law Enforcement
The need of the network operator is to fulfill their law enforcement obligations while avoiding the potential high cost of doing so.This speaker will talk about new approaches that are affordable and realizable, which can potentially relieve these burdens while improving the quantity and quality of network-based law enforcement data.

Emma Masters, Business Development Manager, **Agilent**

11:00-11:30
State of the Art Solutions for Interception
This session will show and explain the benefit of using new "non legacy approaches" for IP converged Networks. This allows on the Carrier/ISP Side integration of several features like Transport Control, Content Analysis and IT – Security for Network Improvement Purpose and it enables Law Enforcement to use intelligent solution capable of providing real-time network monitoring.

Paul Hoffmann, CEO, **GTEN**

13:00-13:30
Flexible Interception Systems for New Generation and VoIP based CLECs
Evolving and diverging telecom network technologies impose strong growth stresses over the lawful interception platforms as well as on the network itself.Only modular and strongly interworking architectures grant the extension capabilities needed in modern frameworks

Carlo Rogialli, CTO, **RCS**

13:30-14:00
Where's the Money Investing for Compliance
This discussion covers how established commercially available technologies can be integrated to provide secure and separate access to network traffic for LI, while also enabling operators to garner useful information for WAN security and management. Operators can now generate a meaningful ROI on an asset base that would otherwise only serve for regulatory compliance.

Dan delaMare-Lyon, EMEA Channel Manager, **Endace**

14:30-15:00
Centralized Management for LI is Overdue
With the overwhelming adoption of wireless voice services, wireless data, Wi-Fi, satellite, IP data and VoIP technologies in the last 10 years, we take a fresh look at how today's products can truly help service providers cost effectively manage all of their Lawful Intercept activities from a single platform.

David Tree, Director Business Development, ***SS8 Networks***

15:00-15:30
High Performance Signaling in Gathering Intelligence
Key intelligence from the network is not only the conversation exchanged between the parties but gathering the and characterizing the attributes of the conversation. Location, Handset and called and calling identity. This presentation will examine the roles of signaling and the performance characteristics needed in modern mobile networks

Derek Mitchell, Signaling Product Management Manager, **Dialogic**

16:00-16:30
Intelligent Probing for Intelligence and LI Applications

Providing LEA and intelligence analysts with pertinent information requires intelligent probing to select the correct communications traffic. The intelligent probe uses many factors to determine the communication streams of interest and dramatically reduces the volume of information to be processed downstream, freeing up analysis resources.

Keith Driver, Product Manager, **TeleSoft-Technologies**

16:30-17:00
IP Data Retention
DRS (Data Retention Suite)- a scalable multiplayer (Voip,IP,GSM,GPRS ,UMTS, Wireline and NGN) System fo massive acquisition of IP Cdr , a complete suite for Telcos growing with their traffic volume, with a great save of Storage resources based on File System, according the ETSI rules ready to serve the LEA's need.

Mario Mene, CTO, **Retentia**

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8:30-9:00
The Challenge of Packet Data Collection from Satellite Communications Space Segment and Effective Solutions
The provisioning of intelligence collection and processing of the satellite communication (Inmarsat, Thuraya, VSAT etc) is one of the emerging challenges of today. This session will give an overview of original solutions for the collection and processing of packet data satellite services (Internet, VoIP, FoIP) at all layers of the Open System Interconnection model.

Dr. Alexander Kovtonyuk, CEO, **Delta SPE**

10:00-10:30
VoIP security: Myths and Reality
This session will establish a VoIP security framework to identify the risks, understand the impacts and assess the cost of controlling or mitigating these risks. Some specific topics that will be addressed include: DDoS, VoIP worms and viruses and SPIT

Ishai Rosmarin, Sales Director EMEA, **AcmePacket**

11:30-12:00
The Role of Flexible High Speed Correlation Technology in Lawful Intercept
Correlation platforms are a critical piece of an Operators infrastructure to support LI for law enforcement agencies. Based on Tier 1 grade secure business logic platforms, Correlation platforms are best placed to support the changing needs of law enforcement and tracking of new services

Joe Hogan – CTO and Founder, **Openet**

12:00-12:30
National Monitoring Solutions - Maximizing the Return on Your Investment [in ARABIC Language]
How to manage your interception solutions across legacy networks , IP / NGN networks and new network operators.

Nagui Erian, Business Development Manager, **ATIS-Systems**

Conference Track 2
Investigative Analysis Technology Development and Solutions

Monday, 26 February, 2007

13:00-14:00
Siemens Intelligence Platform
Recent developments in the Internet and IP areas involve increasingly vague subscriber identities and distributed operator responsibilities for Lawful Interception. As this will be even more significant in the future, also with the aspect "Identity Management", Law Enforcement and Government Agencies need a bundle of intelligence tools to be able to find their suspects or targets within the large amounts of data that is necessary to collect for the purpose. This session addresses a selection of tools for significantly improved intelligence.

Tilmann Gabriel, Head of Intelligence Platforms, Voice and Data Recording Group, **Siemens**

14:30-15:00
Integrated Monitoring Investigative Support Applications for Diverging Telecom Technologies
The multitude of telecommunication technologies today used for any kind of audio-visual content imposes several challenges over Law Enforcement Agents. The use of specialized and integrated suites allow the operators to access transparently any data content gathered from different technologies, and to benefit from massive investigative data analysis

Carlo Rogialli, CTO, **RCS**

15:00-15:30
Target and Service Based Interception in an IP Environment
This presentation will focus on the benefits of taking an end-to-end approach to the interception/evaluation of IP-based communication.

Alessandro Guida, Solutions Architect, **ATIS-Systems**

16:00-16:30
LI Convergence: Blending Tactical & Strategic Interception Goals
Complexity of LI environments today demands the ability to consolidate strategies and tactical information that greatly raise chances of digging complete and precise intelligence clues with better visibility of the targets and other nexus.

Praveen Kankariya, Chairman, **Clear-Trail**

16:30-17:00
Timely Topics in Digital Analysis
The presentation will include a brief discussion of tools and features used by forensic investigators and fraud examiner. Learn where we are now with digital forensics and what the future holds for Certified Fraud – Forensic Examiners

Jon R. Hansen, VP, **AccessData**

Tuesday, 27 February, 2007

9:00-9:30
Producing Quality Information in a Multi-Media World
The boom in communication tools together with an ever-changing consumer behavior among media users challenge the monitoring community´s traditional work tools and workflow. This session outlines how ETI solutions can solve these challenges and produce reliable information.

Kim Larsen, Vice President, Sales, Support & Marketing, **ETI**

11:00-11:30
System Architecture that Uses Moore's Law to Provide Cost Effective Intelligence Solutions
In this session we'll present an operational system architecture that provides unique intelligence gathering opportunities by passively capturing and storing all communications. We will also address the importance of using standard commercially available computing equipment rather than vendor specific hardware.

André Scholtz, Director, Business Development, **VASTech**

13:00-13:30

Looking for Effectiveness in Voice Analysis: How Different Identification Technology can Together hit the Mark

Voice analysis technologies are allowing investigators to quickly filter inquiry related calls from the intercepted anonymous communications. In particular, an accurate identification of speaker identity can now be achieved through automatic voice print comparison, with the aid of additional tools based on the expected spoken language.

Luciano Piovano, VP Security Officer, **LOQUENDO**

13:30-14:00

Optimizing the LEA Budget and Tactical Devices for LI

AREA a leading provider of Monitoring Centers, will describe how to increase the quality of the LEA activity and decrease the Total Cost of Ownership by using a technology based on an integrated Monitoring Center.

Paolo Mandelli, BDM, **AREA Italy**

14:30-15:00

National Monitoring Solutions-Maximizing your ROI

Alexander Hoessrich, Managing Director, **ATIS-Systems**

15:00-15:30

Electronic Evidence: Worth it's Weight in Gold?

For captured communications to be credible evidence in a prosecution, it must be shown that a robust and reliable method was used to intercept that information. It is vital that a common yet undetectable technology is implemented to guarantee 100% capture of target flows on IP networks. After all, information is only as reliable as its source.

Greg Howard VP, EMEA, **Endace**

16:00-16:30

Lawful Intercept Strategies to maintain LEA ROI

Current strategies need to keep pace with the exponentially increasing bandwidth and mushrooming P2P applications. This presentation will highlight some of the emerging problems that need to be factored in the LI strategies and some possible ways to maintain the ROI and avoid/limit the leakage of intelligence.

Praveen Kankariya, Chairman, **Clear-Trail**

16:30-17:00

Beyond Perimeter Defence - Delivering Unprecedented Visibility and Security

An overview and insight into identifying, managing and controlling computer fraud & security through innovative techniques and legally accepted process. How to address, manage and add value to these challenges and policies working within compliance regulations.

Graham Hughes, EMEA Channel Manager, **Guidance Software**

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8:30-9:00

Honeynet: Tracking Hackers

Honeynet lets you learn the tools, tactics and motives of Blackhat community. In this presentation, learn how it can help you track down the hackers attacking your network.

Faiz Ahmad Shuja, Founder &CEO;, **Pakistan Honeynet Project**

9:00-9:30

Strategic Mobile and Wireline Legal Interception System

This session will present modern wireless (Wifi, DVB…) and wireline (, ATM, Ethernet, XDSL…) Internet monitoring solutions as part of Thales strategic legal interception system or as highly tactical stand-alone product.

Jean-Philippe Lelievre, Director, **Thales Business Group**

10:00-10:30
Detailed Analysis of Asian Hackers
This presentation will be based on the research done by Pakistan Honeynet Project during past couple of years. It will cover a detailed analysis of how Asian blackhat community operates, what are their motives and tactics.

Faiz Ahmad Shuja, Founder &CEO; , **Pakistan Honeynet Project**

10:30-11:00
VoIP Lawful Intercept in an Increasingly Encrypted World
This talk will explore methods for lawful intercept of VoIP in encrypted media stream scenarios. The talk will cover both VoIP infrastructure-based encryption using SRTP, and Internet-based encrypted services like Skype.

Peder Jungck, CTO and Founder, **CloudShield**

11:30-12:00
Tactical Devices as Part of an Integrated LI Strategy
An integrated use of tactical devices can bring real benefits in terms of costs saving and effectiveness in LEAs LI activity. AREA will explain how to combine technologies in order to reach these goals.

Andrea Formenti – CEO – **AREA Italy**

12:00-12:30
Digital Forensics Techniques Using Packet Analysis and Reconstruction
This session provides an overview of techniques for using packet capture analysis in the field of Digital Forensics and answer such questions as: Who? What occurred? Where within the network? Was anything left behind? And how?

Phillip D. Shade, Director - International Support, **WildPackets**

Conference Track 3
Lawful Intercept Regulatory Development and Telecom Operators Compliance

Monday, 26 February, 2007

13:00-14:00
Government Keynote Panelists

Funsho Fayomi, Assistant Director, Legal Services, **Nigerian Communications Commission**
Masoon Shukair, Commissioner, **Telecom Regulatory Commission**, *Jordan*
Shamsul Jafni Shafie, Head Information and Network Security Department Content, **Malaysian Communication**
Mohamed Ali Eid, Director General, **Ministry of Post and Telecommunications, Somalia**
Basil Udotai, Esq., Office of the National Security Adviser, **Cybercrime Working Group , Nigeria**
Gen. George Boustani, Ex Executive Committee Member of Iterpol, **Lebanon**

14:30-15:30
European Directive on Retained Data and the Update on ETSI/TC LI

Peter Van der Arend, Chairman **ETSI LI and Royal KPN Netherlands**

16:00-17:00
Telecom Operators Security Roundtable

Abdulla Al-Rawahy, Chief Technical Director, **Nawras, Oman**
Syed Ahsen Zaidi, Technical Director, **Mobilink, Pakistan**
Peter Van der Arend, Chairman **ETSI LI and Royal KPN Netherlands**
Abdilghani Jama, Secretary General**, Somali Telecom**
Samir Satchu,General Counsel & Head of Government Affairs, **Telecom Development Company Afghanistan**

9:00-9:30
Importance of a Detailed National Lawful Interception Technical Specifications
Communication providers encounter many problems during interception enforcement. Most of them are a full interception solution to various telecommunication services. This addresses Lawful Interception Technical Specifications is the essential method to realize it.

Dang Youjie, **Huawei Technologies**

10:30-11:00
International Interception Challenges and Strategies for the Future
The effectiveness of legal interception is continually threatened by the emergence of new technologies, new regulations and the global nature of illegal activity. This session will look at how LEAs and CSPs can address these challenges together, and develop joint strategies for the future.

Dr. Andrew Watson, Technical Director, **Detica**

13:00-14:00
Data Retention and the Retained Data Handover Interface
This session addresses data retention requirements globally, what services apply, who has access and more.

Tony Rutkowski, VP **VeriSign**
Dr. Andrew Watson, Technical Director, **Detica**
Rudolf Winschuh, Business Development Manager, **UTIMACO**
Chris MacFarlane, President, **ETI Connect**

14:30-15:30
Identity Management
This panel will address international developments regarding identity management standardization and impact on ISS Infrastructure.

Tony Rutkowski, VP **VeriSign**

16:00-16:30
National Strategy for Interception, Blocking & Mitigating Phishing Attacks in the GCC

Ivor Rankin, Senior Consultant, Middle East & North Africa, **Symantec**

Conference Track 4
Law Enforcement and Intelligence Analyst Training and Product Demonstrations

To attend Track 4 you must be a sworn Law Enforcement Officer, Intelligent Analyst, Homeland Security, Justice, Interior or other Government employee with counterterrorism or criminal investigation responsibilities. Government picture ID required for entry to the Track 4 Training and Product Demonstrations rooms. Certificate of training completion will be available upon request.

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13:00-14:00
How to Run Successful Security Awareness Programs for LEAs
This talk will examine how a formal comprehensive security awareness training structure adds value to the versatility, adaptability and overall effectiveness of LEA agents.

Mathieu Gorge, Managing Director, **VigiTrust**

13:00-14:00
Speaker Recognition and Topic Spotting
Siemens will provide an overview of their sophisticated Intelligence Modules with emphasis on Speaker Recognition for voice recordings and Topic Spotting for emails and other text files.

Manfred Bendisch, Product Line Management, Voice & Data Recording, **Siemens**

14:30-15:30
Introduction to Key Cyber-Terrorism Concepts-items LEA Staff Should Always Keep in Mind
It is useful to reassess LEAs understanding of basic concepts relating to the fight against such threats: what constitutes Cyber-terrorism, how do attacks take place, against whom. What are governments doing at local and international levels. What is the industry doing and is it doing its part to protect Critical Infrastructure for its citizens?

Mathieu Gorge, Managing Director, **VigiTrust**

14:30-15:30
Data Mining and Behavior Analysis
The Siemens Intelligence Platform offers a multitude of investigation tools to the analyst. This session will present two of them - Data Mining and Behavior Analysis - and their application in Intelligence Gathering.

Manfred Bendisch, Product Line Management, Voice & Data Recording, **Siemens**

16:00-17:00
Information Hiding, Steganography and Detection
Definition and History, Digital Media, Basic Principles, Users, Comparison with Watermarking, Steganography, Requirements, Covers, Evaluation and Benchmarking, Detection, Attacks, Examples of Techniques, Demos (Audio and Image Files).

Prof. H. Al-Ahmad, Head EE Department, **ETISALAT University College**

16:00-17:00
Direct Memory Imaging of Damaged and PIN Locked Mobile Phone Handsets
Forensic Telecommunications Services Ltd. will provide an introduction to their unique capabilities for imaging directly from embedded memory chips in mobile phone handsets. The system also automatically translates the binary data into human readable text ready for evidential use.

Shaun Hipgrave, Director and Operations Manager, **Forensic Telecommunication Services**

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9:00-10:00
Advanced Targeting Methods for IP Traffic Analysis and Investigations in Tactical Environments
In a world where a telephone call is not a telephone call any longer, and users roam everywhere in wireline and wireless networks, clever targeting techniques must be used in order to grant the investigative action effectiveness.

Carlo Rogialli, CTO, **RCS**

10:30-11:30
Identifying, Managing, Controlling Computer Fraud & Security Threats
Guidance Software EnCase® solutions provide the foundation for both law enforcement and corporate enterprise investigations that enable corporate, government and law enforcement agencies to conduct

effective computer investigations of all types while maintaining the forensic integrity of the data.

Frank Wyse, EMEA Technical Manager, **Guidance Software**

13:00-13:30
ATIS Interception Management System – AIMS
This presentation will highlight the benefits of a unified platform to interface with multiple networks and services.

Nagui Erian, Business Development Manager, **ATIS-Systems**

13:00-14:00
Live Demo of Next Generation Lawful Interception Platform

Praveen Kankariya, Chairman, **Clear-Trail**

13:30-14:00
ATIS Intelligence Platform
ATIS Intelligence Platform - how to find answers when you don't know what you are looking for.

Alessandro Guida, Solution Architect, **ATIS-Systems**

14:30-15:30
Cyber Forensics: Playing Digital Detective
This presentation provides an insightful overview and demonstration of computer digital forensics, identify key players, and define what tools are needed and what you will need to know as a Certified Fraud and Forensic Examiner.

Jon R. Hansen, VP Sales and Business Development, **AccessData**

16:00-17:00
The ZEBRA System
The Zebra records all of the call content presented to it, making it possible for law enforcement agencies to reconstruct events leading up to a major incident and exploring all possible scenarios.

André Scholtz, Director, Business Development, **VASTech**
Marius Ackerman,Technical Director, **VASTech**

16:00-17:00
The Group 2000 LIMA Lawful Intercept Solution

Frank Dikker, Manager, **Group 2000**

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8:30-9:00
ATIS KLARIOS Intelligent DATA Search and Analysis
The ATIS Klarios(r) application provides simple and intuitive tools for the purpose of analysing (condensing) large amounts of data . This session will focus on and demonstrate a new approach to simple interactive querying and data presentation.

Alessandro Guida, Solution Architect, **ATIS-Systems**

8:30-9:30
LVIS Loquendo Voice Investigation System
LVIS is an easy-to-use, turnkey software solution allowing investigators to retrieve biometrics from recordings of telephone conversations. In some cases, Loquendo technology can even work in a real-time environment.

Luciano Piovano, **Loquendo**

9:00-9:30
Challenges for LEAs and Intelligence Agencies

Karanvir Singh, Managing Director, **Kommlabs Dezign Pvt. Limited**

10:00-11:00
MCR System: An Integrated Platform for Optimized LI (Live Demo for LEAs)
AREA will present MCR System (Monitoring Center & Recording System), a single software application for LI of voice, fax, video and data, including a graphic tool designed to analyze recorded data and manage all LEAs admin tasks.

Emanuele Marcozzi, Product Manger, **AREA**

10:00-11:00
PenLink Tracking of Targets through Location Based Technology:
"Users can define a geographical area of interest and be alerted automatically when a target or targets enters said area"

Derek Teten, Market Developer, **Pen-Link**

11:30-12:30
Practical examples of Lawful Intercept
This speech will discuss the options available to authorities to intercept web traffic (both HTTP and encrypted traffic), the technology required and placement options. Examples will be used that include blocking pornographic content across the Middle East, Internet Watch Foundation blocking of child pornography in Europe and sites that promote terrorism. The depth of functionality will be discussed for individual URL blocking, reverse lookups, HTTTPS blocking and updates. Options for logging, blocking Skype and peer-to-peer traffic and collating traffic logs will be discussed.

Craig Hicks-Frazer, VP , **Blue Coat Systems**

11:30-12:00
SIC4WIFI - Interception in Wireless LAN Networks
This system, which can be used totally independently as a standalone solution or can be deployed in combination with an interception centre, allows the identification, recording and analysis of wireless LAN sessions in any environment.

Klaus Weigmann & Simon Thewes, Directors, Sales & Marketing, **Syborg**

12:00-12:30
SIC - Monitoring Centre for Voice and Data
Presentation of the SYBORG INTERCEPTION CENTRE, the solution for lawful interception of voice and data. SIC integrates all the functionalities which today's investigators need to handle interception of voice and of narrow band and broadband sessions.

Klaus Weigmann & Simon Thewes, Directors, Sales & Marketing, **Syborg**