

# CYBER SECURITY AND INTERNET GOVERNANCE

By Dr. Tomori Mareglen  
Criminologist & Crime Analyst  
Executive President-CEO  
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TRUST,  
SECURITY  
AND STABILITY

# CYBER SECURITY AND INTERNET GOVERNANCE

Dear Ladies and Gentleman,  
I salute you all as the Executive President of the International Police Organization IPO, a multinational professional non-governmental and non-profit organization which, through education and scientific work, aims to create theoretical and practical tools to serve as a bridge between the community and law enforcement by bringing together professional civilian and security structures to contribute together for a safer community, and a safer tomorrow.

By Dr. Tomori Mareglen  
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IT IS A GREAT PRIVILEGE TO PRESENT MY  
OPINION ON ISSUES OF CYBER SECURITY AND  
INTERNET GOVERNANCE WITH TOPIC

TRUST,  
SECURITY  
AND STABILITY



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THE BORDERLESS NATURE OF THE INTERNET, THE *DIGITAL ECONOMY*, THE INCREASED CYBER-PHYSICAL INTERDEPENDENCY THROUGH THE INTERNET OF THINGS, AND THE INCREASED USE OF THE INTERNET IN PROCESSES SUCH AS ELECTIONS AND IN THE RESPONSE TO GLOBAL CRISES SUCH AS THE PANDEMIC PAINT A COMPLEX POLICY, LEGAL AND OPERATIONAL PICTURE FOR CYBERSECURITY AND STABILITY.

FROM >>  
UNITED NATIONS  
IGF INTERNET GOVERNANCE FORUM



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ALMOST ALL SECTORS UTILIZE ICTS (INFORMATION AND COMMUNICATION TECHNOLOGIES) AND RELY ON THE INTERNET FOR ANYTHING FROM THE SIMPLEST TO THE MOST STRATEGIC TASKS. GLOBAL SUPPLY CHAINS ARE INCREASINGLY INTERCONNECTED, AND THE ICT SYSTEMS SUPPORTING THEM COMPRISE NUMEROUS INTERNAL AND EXTERNAL DEVICES AND APPLICATIONS.

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MANAGING THESE ISSUES, MITIGATING CYBERSECURITY CONCERNS AND ADDRESSING RISKS REQUIRES COOPERATION BETWEEN THE PUBLIC AND THE PRIVATE SECTORS, THE TECHNICAL COMMUNITY, THE ACADEMIC AND RESEARCH SECTOR, AND CIVIL SOCIETY. COLLABORATION IS NEEDED TO BUILD AWARENESS OF VULNERABILITIES AND INCREASE RESILIENCE.

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AN INTERNET THAT IS TRUSTED BY  
ITS USERS REQUIRES COMBATTING  
ONLINE GENDER-BASED VIOLENCE,  
CHILD SAFETY ONLINE,  
CYBERBULLYING, AND MISINFORMATION,  
AMONG OTHER CHALLENGES.

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DISCUSSIONS ON TRUST, SECURITY AND STABILITY OF THE INTERNET SHOULD COVER NORMS, VOLUNTARY STANDARDS, GUIDELINES, BEST PRACTICES AND CAPACITY BUILDING TO MANAGE CYBERSECURITY-RELATED RISKS AND FOSTER COLLABORATION BETWEEN COUNTRIES, INSTITUTIONS AND STAKEHOLDER GROUPS.

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# TRUST, SECURITY AND STABILITY



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TECHNOLOGICALLY ADVANCED SMART CITIES HAVE BEGUN TO APPEAR ALL OVER THE DEVELOPED WORLD, BUT WITHIN THEM, CRIMINALS ARE ADAPTING AND TAKING ADVANTAGE OF THE TECHNOLOGIES ON WHICH THEY ARE FOUNDED.



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THE ILLICIT TRADE IN DRUGS, WEAPONS, COUNTERFEITING AND TRADE OF DOCUMENTS, ETC., IS EVOLVING RAPIDLY, WHILE ICT PROVIDES THE MEANS BY WHICH BUYERS AND SELLERS CAN COMMUNICATE AND COORDINATE THEIR TRANSACTIONS WITH RELATIVE ANONYMITY OVER LONG GEOGRAPHICAL DISTANCES.



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THIS EVOLUTION HAS BEEN DRIVEN BY THE COMBINATION OF EVOLVING TECHNOLOGIES AND THE NEED FOR PROTECTION AND CONCEALMENT FROM THE LAW THAT EVERYWHERE IN DIGITAL SURVEILLANCE IN THE SMART AGE HAS DONE LITTLE TO REDUCE ILLEGAL INTERNET COMMERCE



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ICT IS CONCEIVED AS A SOLUTION TO THE MANY PROBLEMS OF MODERN LIFE EMBEDDED WITHIN THE URBAN, INSTITUTIONAL AND PRIVATE STRUCTURE ENVIRONMENTS, PROVIDING NEW MEANS OF SOCIAL CONTROL FOR THE STATE, WHICH IS SPREADING ACROSS THE SMART WORLD AND AFFECTING THE PROGRAMS OF URBAN DEVELOPMENT AND GOVERNMENT STRATEGIES, BUT IN REALITY, EVOLVING TECHNOLOGIES ARE NOT PERFECT AND HAVE WEAKNESSES THAT CAN BE MANIPULATED BY CRIMINAL ACTORS.



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MOREOVER, FOR CRIMINOLOGISTS, THERE REMAINS AN UNLIMITED PICTURE OF THE IMPACT OF ICT ON SMART CITIES, ESPECIALLY IN RELATION TO THE THREATS OF ORGANIZED CRIME, MAINLY ILLEGAL MARKETS, AND THE DAMAGES ASSOCIATED WITH THEM.

A MAJOR SHORTCOMING IN THIS, AS WELL AS IN THE COMMERCIAL AND GOVERNMENT LITERATURE, IS THE VOICE OF ACTORS INVOLVED IN TECHNOLOGY NETWORKS THAT ACTUALLY POSE THREATS TO SAFETY AND HOW THEY PERCEIVE AND USE EMERGING TECHNOLOGIES FOR ILLEGAL PURPOSES.

ICT VIRTUALLY RECONFIGURES AND EXPANDS ILLEGAL MARKETS, PROVIDING INSIGHTS INTO THEIR FUTURE FUNCTIONING AND THIS MEANS MORE ACTIVITY FOR THE ORGANIZED CRIME AND MORE WORK FOR THE CYBER CRIME EXPERTS



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*GIVEN ALL THE PROBLEMS  
MENTIONED ABOVE, I WANT TO INTRODUCE  
AND DISCUSS WITH YOU ON THE  
DIGITAL AGE AND THE NEED FOR THE  
CTAIU - CYBER THREAT  
ANALYSIS INTELLIGENCE UNIT*



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**Cyber Threat Analysis  
Intelligence Unit  
Police Support Program**



IPO  
CTAIU



**CTAIU - CYBER THREAT ANALYSIS INTELLIGENCE UNIT**  
IS CONCEIVED AS A PROGRAM THAT AIMS TO ASSIST THE POLICE  
AND OTHER LAW ENFORCEMENT AGENCIES IN PREVENTING  
CYBERCRIME AND THE DANGERS THAT APPEAR IN THE DAILY LIFE  
OF THE CITIZEN.

OUR ORGANIZATION HAS A WIDE NETWORK OF SPECIALISTS,  
EXPERTS, ANALYSTS, CONSULTANTS, AND ADVISORS WHO  
SHARE THEIR EXPERIENCE TO HELP THE LAW ENFORCEMENT  
STRUCTURES IN COMMUNITY POLICING AS EFFICIENTLY  
AND EFFECTIVELY POSSIBLE.



THE CTAIU - CYBER THREAT ANALYSIS INTELLIGENCE UNIT, REPRESENTS A FORCE MULTIPLIER FOR LAW ENFORCEMENT LOOKING TO UPDATE THEIR RESPONSE AND DETECTION PROGRAMS TO DEAL WITH INCREASINGLY SOPHISTICATED ADVANCED PERSISTENT THREATS.

MALWARE IS AN ADVERSARY'S TOOL BUT THE REAL THREAT IS THE HUMAN ONE, AND CYBER THREAT INTELLIGENCE FOCUSES ON COUNTERING THOSE FLEXIBLE AND PERSISTENT HUMAN THREATS WITH EMPOWERED AND TRAINED HUMAN DEFENDERS.



DURING A TARGETED ATTACK, AN ORGANIZATION NEEDS A TOP-NOTCH AND CUTTING-EDGE THREAT HUNTING OR INCIDENT RESPONSE TEAM ARMED WITH THE THREAT INTELLIGENCE NECESSARY TO UNDERSTAND HOW ADVERSARIES OPERATE AND TO COUNTER THE THREAT.

THE CTAIU - CYBER THREAT ANALYSIS INTELLIGENCE UNIT WILL BE ABLE TO TRAIN THE LAW ENFORCEMENT AGENCIES TEAMS IN THE TACTICAL, OPERATIONAL, AND STRATEGIC SKILLS OF CYBER THREAT INTELLIGENCE TO MAKE THE SECURITY TEAMS BETTER AND MORE ACCURATE IN CYBER THREAT HUNTING.



# THANK YOU FOR YOUR ATTENTION

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