



KRYPTON

— SECURITY —

INFORMATION SECURITY & CONSULTING

DEFENSE THROUGH DISCOVERY



ABOUT KRYPTON

KRYPTON IS AN ADVISORY AND CONSULTING SERVICES FIRM, SPECIALIZED IN THE DOMAIN OF INFORMATION TECHNOLOGY (IT) AND IT-RELATED SECURITY

KRYPTON IS A PARTNERSHIP AMONGST A SET OF TALENTED AND COMPETENT INDIVIDUALS, WHO ARE NOT ONLY PASSIONATE ABOUT THIS DOMAIN AND ABLE TO DELIVER OUTSTANDING RESULTS, BUT ALSO ARE CONSIDERED TO BE GLOBAL EXPERTS, EACH IN THEIR FIELD OF SPECIALIZATION

KRYPTON PROVIDES ITS CLIENTS WITH HIGH QUALITY SOLUTIONS AND VALUE-ADDED SERVICES, BASED ON IN-DEPTH RESEARCH, PRACTICAL METHODOLOGIES, AND TOOLS THAT ARE CONTINUOUSLY ENHANCED IN ORDER TO RENDER THE CLIENTS' ENVIRONMENTS MORE SECURE FROM INTRUSIONS AND/OR ATTACKS, FROM INTERNAL OR EXTERNAL SOURCES - BOTH DIGITALLY AS WELL AS PHYSICALLY

HOWEVER, WHAT MAKES KRYPTON UNIQUE IS ITS ABILITY TO PROVIDE SERVICES WITH REGARDS TO ALL ASPECTS OF IT SECURITY, INCLUDING: I) PHYSICAL, II) SOCIAL ENGINEERING, III) TECHNICAL, AND IV) BUSINESS PROCESS CONSULTING

BUSINESS CONTEXT

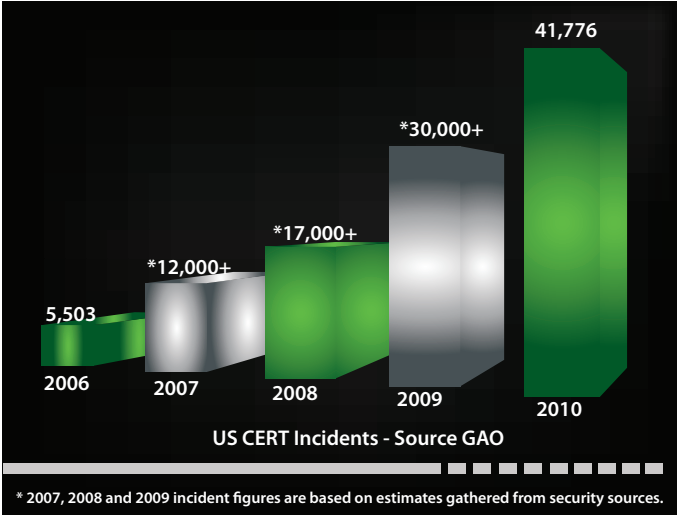
IT SECURITY AND THE PROTECTION OF SENSITIVE, CONFIDENTIAL AND CRITICAL DATA IN AN ENTERPRISE ARE NO LONGER SIMPLY A TECHNICAL ISSUE TO BE DEALT WITH BY THE IT TEAM OF THE COMPANY

MORE AND MORE, DUE TO THE POTENTIAL LOSS OF CLIENT DATA AND RISK OF FRAUD AS WELL AS FINANCIAL LOSSES, ATTENTION TO SECURITY MATTERS HAS BECOME ONE OF THE MOST SERIOUS BUSINESS ISSUES ON THE AGENDA OF EXECUTIVES AND BOARD MEMBERS

ACCORDING TO GARTNER, THROUGH 2016, THE FINANCIAL IMPACT OF CYBER-CRIME WILL GROW 10% PER YEAR DUE TO THE DISCOVERY OF NEW VULNERABILITIES

WITH THE EVER-EXPANDING INTERNET-BASED SERVICES, INCREASED CLIENT TOUCH-POINTS AND PROLIFERATION OF DEVICES ON WHICH TRANSACTIONS CAN BE CONDUCTED BY CLIENTS, INCLUDING CLOUD COMPUTING, THE NUMBER OF POSSIBILITIES THROUGH WHICH AN "ATTACKER" CAN EXPLOIT VULNERABILITIES HAS INCREASED DRAMATICALLY

AS CAN BE OBSERVED IN THE DIAGRAM BELOW, ACCORDING TO CERT (COMPUTER EMERGENCY RESPONSE TEAM) AT CARNEGIE MELLON UNIVERSITY, THERE WERE AN ESTIMATED 45,000 CATALOGUED VULNERABILITY INCIDENTS RECORDED BETWEEN 1995 AND 2008. HOWEVER RECENTLY AND IN ONLY 2010 ALONE, THERE WERE CLOSE TO 42,000 INCIDENTS, SHOWING THE RATE AT WHICH TECHNOLOGY-BASED INCIDENTS HAVE INCREASED



OBJECTIVES

BOTH PHYSICAL AND IT SECURITY, COMBINED, ARE BECOMING PERMANENT FEATURES ON THE AGENDA OF TOP MANAGEMENT, CONCERNED WITH THE PROTECTION OF THEIR DATA AS WELL AS PHYSICAL ASSETS

CLIENTS ENGAGE KRYPTON TO PERFORM NOT ONLY A FULL ASSESSMENT OF THEIR CURRENT ENVIRONMENT, BUT ALSO TO ASSIST IN DEFINING MEASURES ON AN ONGOING BASIS, TO MAINTAIN THE MAXIMUM LEVEL OF POSSIBLE PROTECTION

THE OBJECTIVES OF AN ENGAGEMENT WITH KRYPTON WOULD BE TO IDENTIFY EXISTING WEAKNESSES, WITHIN BOTH THE IT AS WELL AS PHYSICAL INFRASTRUCTURE, AND TO ELABORATE APPROPRIATE RECOMMENDATIONS RELATED TO THE IDENTIFIED WEAKNESSES IN ORDER TO REACH AN ACCEPTABLE LEVEL OF RESIDUAL RISK, WHICH IS ALIGNED WITH "STATE-OF-THE-ART," AT THE TIME OF THE ASSIGNMENT

BENEFITS

THERE ARE BUSINESS AND TECHNICAL BENEFITS IN ENGAGING IN AN IT SECURITY ENHANCEMENT PROGRAM WITH KRYPTON

BUSINESS

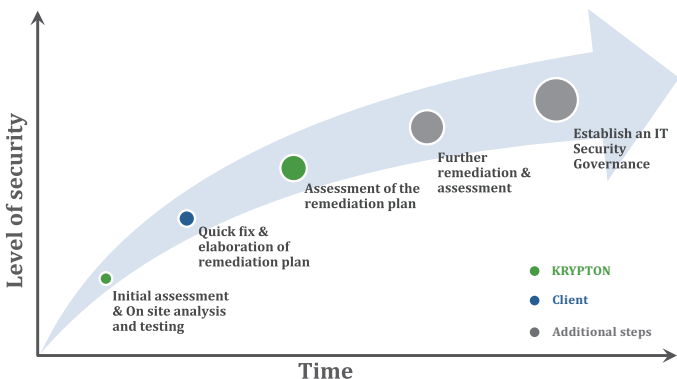
- INCREASED PROTECTION OF SENSITIVE, CONFIDENTIAL AND CRITICAL DATA
- IMPROVED CULTURE AND AWARENESS OF SECURITY RISKS BY THE MANAGEMENT AND THE EMPLOYEES
- ESTABLISHMENT OF A TECHNICAL AND PHYSICAL RISK MANAGEMENT CULTURE

TECHNICAL

- GAIN A BETTER UNDERSTANDING OF THE THREATS LANDSCAPE
- HAVE A REALISTIC VIEW OF THE COMPANY'S EXPOSURE TO RISK OF FRAUD / COMPROMISE
- PRIORITIZE PROJECTS AND REMEDIATION EFFORT TO QUICKLY REDUCE THE IDENTIFIED RISKS TO AN ACCEPTABLE LEVEL
- ESTABLISH A MORE ROBUST AND RESILIENT IT INFRASTRUCTURE

APPROACH

PREVENTION BEING THE BEST SOLUTION TO THE SECURITY DILEMMA, THE FOLLOWING OUTLINES KRYPTON'S SUGGESTED PHASED APPROACH TO ESTABLISHING A SUSTAINABLE IT SECURITY GOVERNANCE IN THE LONG TERM:



THE KRYPTON OFFERINGS INCLUDES THE FOLLOWING SET OF SERVICES ACROSS INDUSTRIES

ASSESSMENT SERVICES

- 🌐 VULNERABILITY TESTING
- 🌐 PENETRATION TESTING
- 🌐 NETWORK AND TELEPHONY SECURITY
- 🌐 [WEB] APPLICATION TESTING
- 🌐 SOFTWARE CODE AUDIT / REVERSE ENGINEERING
- 🌐 PHYSICAL PENETRATION TESTING
- 🌐 FORENSICS INVESTIGATION
- 🌐 THREAT ANALYSIS

COMPLIANCE & CERTIFICATION

- 🌐 PAYMENT CARD INDUSTRY / DATA SECURITY STANDARDS
- 🌐 ISO 27000 SERIES
- 🌐 COMPLIANCE WITH CENTRAL BANK CIRCULARS

REMEDIATION SERVICES

- 🌐 INFRASTRUCTURE PLANNING (SECURITY POINT-OF-VIEW)
- 🌐 NETWORK AND TELEPHONY (ARCHITECTURE, CONFIGURATION)
- 🌐 INFRASTRUCTURE HARDENING (CERTIFICATION)
- 🌐 INCIDENT RESPONSE SERVICES

CONSULTING SERVICES

- 🌐 IT SECURITY GOVERNANCE
- 🌐 IT SECURITY PROCESS
- 🌐 IT SECURITY STRUCTURE/ORGANIZATION
- 🌐 CRISIS MANAGEMENT
- 🌐 TRAINING
 - RED TEAM / BLUE TEAM
 - SECURITY AWARENESS
 - SECURE DEVELOPMENT

KRYPTON ONGOING PROTECTION (KOP)

- 🌐 CORPORATE
- 🌐 PERSONAL

SOCIAL ENGINEERING

E-REPUTATION MANAGEMENT

SEARCH ENGINE & SOCIAL MEDIA OPTIMIZATION

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