Billions Lost The American Tech Crisis And The Road Map To Change

Summarizes the current and historical electronic intrusion threat to U.S. national security and emergency preparedness (NS/EP) telecommunications, identifying and analyzing the threat that electronic intrusion represents to the Public Switched Network. Contents: electronic intruders (skills and techniques, insiders, industrial spies, foreign intelligence services); targeted technologies and services (data networks, international gateways, signaling networks, wireless systems, other emerging technologies); potential NS/EP implications (disruption of service, etc.); reaction strategies. Diagrams. Glossary.

The book discussess the categories of infrastucture that require protection. The issues associated with each, and the responsibilities of the public and private sector in securing this infrastructure.

Industry insider, veteran executive, and working mom Hilarie Gamm pulls the curtain back on the destruction of the American technology industry in her groundbreaking work, Billions Lost: The American Tech Crisis and the Road Map to Change. Gamm connects the dots between seemingly disparate events and facts, and outlines with stunning clarity the perfect storm that created a massive exodus of tech industry jobs from the U.S.Extensively researched and firmly apolitical, Billions Lost explains how the offshoring of millions of U.S. technology jobs opened a gateway that places our economy, our national security, and our educational systems at risk. Gamm succinctly explains the Y2K scare, visa reform, and other factors that snowballed into today's crisis, and identifies the ramifications of outsourcing on our country and its profound impact on America's middle class.To spark a national conversation, Gamm closes with her Road Map to Change: 20 actions that can reverse the trend, improve education, save the middle class, and return growth, security, and prosperity to America.

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The determinants of a firm's innovative capacity are rooted in organizational design, incentives, human resources, internal culture, and external linkages. Profiting from innovation is always a challenge and licensing is one of many options.

Green Technology: An A-to-Z Guide explores the essential role of technology and its most recent developments toward a sustainable environment. Twofold in its definition, green technology includes the changing of existing technology toward energy conservation as well as the creation of new, clean technology aimed at utilizing renewable resources. With a primary focus on waste management, the volume presents more than 150 articles in A-to-Z format featuring such disciplines as nanoscience, biochemistry, information technology, and environmental engineering. Scholars and experts in their fields present a full range of topics from applications of green technology to The Green Grid global consortium to membrane technology and water purification systems to waste-to-energy technology. This work culminates in an outstanding reference available in both print and electronic formats for academic, university, and public libraries. Vivid photographs, searchable hyperlinks, an extensive resource guide, numerous cross references, and a clear, accessible writing style make the Green Society volumes ideal for classroom use as well as for research.

Partial contents: plenary sessions (intellectual property & national security; technology transfer; economic espionage); workshops (establishing an OPSEC program); acquisition/treaties (arms control synergism; on-site inspection); counterintelligence/ intelligence (Chinese security & economic interests; enviro- terrorism); counterintelligence/law enforcement (counter-narcotics); economics (Japanese business intelligence; protecting trade secrets); general issues (computer crime; literature intelligence; FOIA requests; deception & cognition); technology (semiconductor industry; unclassified technology; call diversion).

Leading experts provide a clear overview of the evolving environment of trade politics and the current issues surrounding its development.

Public Papers of the Presidents of the United States

This work covers all major areas which have had a destructive impact against America's business/manufacturing job market. Strategy and techniques are clearly described, indentified and detailed for rebuilding America's full time permanent job market.

This book presents the Proceedings of The International Science and Technology Conference "FarEastCon-2018," which took place on October 2-4, 2018 in Vladivostok, Russian Federation. The conference provided a platform for accumulating expert opinion on projects and initiatives aimed at the implementation of far-sighted scientific research and development, and allowed current scientific and practical achievements to be shared with wide circle of researchers. Featuring selected papers from the conference, the book is of interest to a broad range of experts involved in developing innovative solutions and organizing events that increase the efficiency of economic and innovative activities.

Advancements in medical and healthcare technologies pave the way to improving treatments and diagnoses while also streamlining processes to ensure the highest quality care is given to patients. In the last few decades, revolutionary technology has radically progressed the healthcare industry by increasing life expectancy and reducing human error. Advanced Methodologies and Technologies in Medicine and Healthcare provides emerging research on bioinformatics, medical ethics, and clinical science in modern applications and settings. While highlighting the challenges medical practitioners and healthcare professionals face when treating patients and striving to optimize their processes, the book shows how revolutionary technologies and methods are vastly improving how healthcare is implemented globally. This book is an important resource for medical researchers, healthcare administrators, doctors, nurses, biomedical engineers, and students looking for comprehensive research on the advancements in healthcare technologies.

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today's crisis, and identifies the ramifications of outsourcing on our country and its profound impact on America's middle class. To spark a national conversation, Gamm closes with her Road Map to Change: 20 actions that can reverse the trend, improve education, save the middle class, and return growth, security, and prosperity to America.

This volume, in both print and electronic (CD-ROM) form, comprises original and never-before published research on asphalt paving, including sustainable mix formulations (with recycled asphalt and shingle content), binder performance, data on cracking and wear, as well as novel testing protocols emerging from the "Guide for the Mechanistic and Empirical Design of New and Rehabilitated Pavement" (MEPDG). The technical information in the book was presented at the 2011 annual meeting of the Association for Asphalt Paving Technologists. The CD-ROM displays figures and illustrations in articles in full color along with a title screen and main menu screen. Each user can link to all papers from the Table of Contents and Author Index and also link to papers and front matter by using the global bookmarks which allow navigation of the entire CD-ROM from every article. Search features on the CD-ROM can be by full text including all key words, article title, author name, and session title. The CD-ROM has Autorun feature for Windows 2000 with Service Pack 4 or higher products along with the program for Adobe Acrobat Reader with Search 9.0. One year of technical support is included with your purchase of this product.

This book recounts the author's meetings with some of Israel's political and intellectual leaders after he immigrated to Israel in 1976. He reveals the flawed mentality of Israel's elites and their policy of 'land for peace.' Contributing to this failure is Israel's unstable system of multi-party cabinet government and the country's lack of a written Constitution. Eidelberg offers a Jewish-democratic version of the American Constitution, whose Hebraic roots were recognized by learned men of the eighteenth century.

The past thirty years have seen dozens of otherwise successful investors try to improve education through the application of market principles. They have funneled billions of dollars into alternative schools, online education, and textbook publishing, and they have, with surprising regularity, lost their shirts. In Class Clowns, professor and investment banker Jonathan A. Knee dissects what drives investors' efforts to improve education and why they consistently fail. Knee takes readers inside four spectacular financial failures in education: Rupert Murdoch's billion-dollar effort to reshape elementary education through technology; the unhappy investors—including hedge fund titan John Paulson—who lost billions in textbook publisher Houghton Mifflin; the abandonment of Knowledge Universe, Michael Milken's twenty-year mission to revolutionize the global education industry; and a look at Chris Whittle, founder of EdisonLearning and a pioneer of large-scale transformational educational ventures, who continues to attract investment despite decades of financial and operational disappointment. Although deep belief in the curative powers of the market drove these initiatives, it was the investors' failure to appreciate market structure that doomed them. Knee asks: What makes a good education business? By contrasting rare successes, he finds a dozen broad lessons at the heart of these cautionary case studies. Class Clowns offers an important guide for public policy makers and guardrails for future investors, as well as an intelligent exposé for activists and teachers frustrated with the repeated underperformance of these attempts to shake up education.

As society continues to rely heavily on technological tools for facilitating business, e-commerce, banking, and communication, among other applications, there has been a significant rise in criminals seeking to exploit these tools for their nefarious gain. Countries all over the world are seeing substantial increases in identity theft and cyberattacks, as well as illicit transactions, including drug trafficking and human trafficking, being made through the dark web internet. Sex offenders and murderers explore unconventional methods of finding and contacting their victims through Facebook, Instagram, popular dating sites, etc., while pedophiles rely on these channels to obtain information and photographs of children, which are shared on hidden community sites. As criminals continue to harness technological advancements that are outpacing legal and ethical standards, law enforcement and government officials are faced with the challenge of devising new and alternative strategies to identify and apprehend criminals to preserve the safety of society. The Encyclopedia of Criminal Activities and the Deep Web is a three-volume set that includes comprehensive articles covering multidisciplinary research and expert insights provided by hundreds of leading researchers from 30 countries including the United States, the United Kingdom, Australia, New Zealand, Germany, Finland, South Korea, Malaysia, and more. This comprehensive encyclopedia provides the most diverse findings and new methodologies for monitoring and regulating the use of online tools as well as hidden areas of the internet, including the deep and dark web. Highlighting a wide range of topics such as cyberbullying, online hate speech, and hacktivism, this book will offer strategies for the prediction and prevention of online criminal activity and examine methods for safeguarding internet users and their data from being tracked or stalked. Due to the techniques and extensive knowledge discussed in this publication it is an invaluable addition for academic and corporate libraries as well as a critical resource for policy makers, law enforcement officials, forensic scientists, criminologists, sociologists, victim advocates, cybersecurity analysts, lawmakers, government officials, industry professionals, academicians, researchers, and students within this field of study.

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