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**ABI**research®



**Global  
Cybersecurity  
Index**

A Joint Collaborative Project by the  
International Telecommunication Union and ABI Research

# Global Cybersecurity Index

## Aims

### Objective

The Global Cybersecurity Index (GCI) aims to measure and rank each nation state's level of cybersecurity development.

### Goals

- Promote government strategies at a national level
- Drive implementation efforts across industries and sectors
- Integrate security into the core of technological progress
- Foster a **global culture** of cybersecurity



# Global Cybersecurity Index

## Conceptual Framework

Following the GCA Framework, the GCI identifies 5 indicators

### 1. Legal

- Criminal Legislation
- Regulation & Compliance

### 2. Technical

- CERT/CIRT/CSIRT
- Standards
- Certification

### 3. Organizational

- Policy
- Roadmap for Governance
- Responsible Agency
- National Benchmarking

### 4. Capacity Building

- Standardization Development
- Manpower Development
- Professional Certification
- Agency Certification

### 5. Cooperation

- Intra-State Cooperation
- Intra-Agency Cooperation
- Public-Private Partnerships
- International Cooperation



# Global Cybersecurity Index

## Timeframe & Project Activities

The project represents a combined effort of 18 months.

Expected delivery of the full index is Q4 2014.

The timeframe is split into six regional stages:

- Arab States
- Europe
- Asia Pacific
- Americas
- Commonwealth of Independent States
- Africa

### Phases for each regional stage

- **Primary Research:** Contact relevant national stakeholders to collect data
- **Secondary Research:** Internal databases, publicly-available resources
- **Data Extraction:** Organize and sort through collected data
- **Data Input:** Assess the performance of each nation state
- **Ratification:** Nation state review of research data

**Final Deadline for Americas submissions: 30 September 2014**



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## Current Status

### Surveys Submitted – 9

- Barbados
- Colombia
- Dominican Republic
- Grenada
- Guatemala
- Panama
- Saint Kitts and Nevis
- Trinidad and Tobago
- Uruguay



**Final Deadline** – 30 September 2014 – 26 countries yet to submit

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*Survey is now available in French and Spanish*



# Global Cybersecurity Index

## Why Participate?

### Cybersecurity is Critical .....

- For Supporting Digital Economies
- For Fighting Cybercrime
- For Supporting Development and Investment

### Why **collaborate** with the **ITU** .....

- To take advantage of the resources of an internationally-structured forum
- To develop a sustainable national trust framework
- To share information and best practices with other nation states

### and **ABI Research?** .....

- To embrace the multi-sectoral approach of public-private partnerships
- To take advantage of industry know-how and develop commercial investment opportunities
- To receive expert support from a leading research power house



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The GCI can help on the way to:

- Implement Legal Measures for combating Cybercrime and strengthening Cybersecurity
- Establish a legally mandated national CERT/CSIRT
- Draft a National Cybersecurity Strategy and a Detailed Roadmap
- Designate a National Agency Responsible for Cybersecurity
- Support Training, Education and Awareness-Raising Efforts
- Promote Public-Private Sector Partnerships
- Engage in International Cooperation and Information Sharing



# Global Cybersecurity Index

## GCI Development

### Participate in the GCI to drive cybersecurity development in your country

- Country Survey and Conceptual Framework for the Index is available on the GCI website <http://www.itu.int/en/ITU-D/Cybersecurity/Pages/GCI.aspx>

### Lead Organizations

- **International Telecommunication Union** - BDT Cybersecurity and ICT Applications Division (CYB)
- **ABI Research** - Cybersecurity Research Practice
- With the participation of **IMPACT (International Multilateral Partnership Against Cyber Threats)** and affiliated partners





# Global Cybersecurity Index

## Contact Information

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### GCI Website

<http://www.itu.int/en/ITU-D/Cybersecurity/Pages/GCI.aspx>

