LUXEMBOURG CYBERSECURITY ECOSYSTEM
Unprecedented growth of digital technologies and their interdisciplinary applications play a predominant role in the development of today’s economy. Digitalization revolutionizes the way to conduct business; it offers enhanced capabilities and allows delivering solutions with an unmatched speed and flexibility, while often reducing overall costs and environmental impacts.

The key competence to benefit from the full potential of digitalization while reducing its inherent risks of safety and security is cybersecurity.

The Ministry of the Economy is at the forefront of cybersecurity developments in Luxembourg, recognizing the societal and economic challenges and opportunities 20 years ago. Today, cybersecurity is fledged with a dedicated national strategy and a self-sustainable ecosystem of cybersecurity service providers, representing a promising pillar of Luxembourg’s economy.

You will find herewith the first extensive mapping of the national cybersecurity ecosystem, including an overview of the national governance structure as well as a market analysis of the 300+ companies active in this field in Luxembourg.

Étienne Schneider
Deputy Prime Minister
Minister of the Economy
UNFOLD THE ECOSYSTEM MAPPING

You hold in your hands the first extensive mapping of the Luxembourg Cybersecurity Ecosystem. The A3 poster inside presents a complete overview of all relevant cybersecurity players in the Grand-Duchy.

On the right side, you will discover all 304 companies providing cybersecurity services and products. A special focus on the many start-ups, shows the great innovation potential existing in the country.

The left hand side covers the public entities active in cybersecurity including their dedicated roles and responsibilities (identified by small tags, representing the legal framework(s) they are officially involved in). A special emphasis is put on R&D as a key factor of development for the economy.

In the middle of the infographic, you will find the “Interministerial coordination committee for cyber prevention and cybersecurity”, the main national governance structure, with the mission to implement the national strategy, bringing together relevant public as well as private players.

METHODOLOGY USED FOR THE ECOSYSTEM MAPPING

- Data was gathered using different sources from the Market Intelligence service of Luxinnovation
- Each company was then reviewed and classified by SECURITYMADEIN.LU based on the ECSO Cybersecurity Market Radar
- Start-ups are defined as follows*:  
  - Established in Luxembourg  
  - Less than 5 years old  
  - < 100 employees (worldwide)  
  - Provide an innovative product or service

*Based on the EU Start-up Monitor Definition; The criteria related to Employees was added to exclude LU subsidiaries from large corporate groups.
**LUXEMBOURG CYBERSECURITY ECOSYSTEM**

### National Actors
- **Directorate of Defence**
- **Department of Media, Telecommunications and Digital Policy**
- **Ministry of Foreign and European Affairs**
- **Ministry of the Economy**
- **High Commission for National Protection**
- **Interministerial Coordination Committee for Cyber Prevention and Cybersecurity**
- **State Intelligence Service**

### Companies
- **74%** companies with cybersecurity as a core business
- **304 companies**
- **35%** of start-ups have cybersecurity as a core business
- **50%** companies have been created during the past 5 years

### Diversified Solutions
- Luxembourg companies mainly specialised in risk identification and systems protection
- **24%** startups represent more than 20% of the national cybersecurity ecosystem

### Specific Legal Frameworks
- **CIP** Critical Infrastructure Protection
- **GDPR** General Data Protection Regulation
- **NIS** Network and Information Security
- **PSDC** Prestataires de Services de Démérialisation ou de Conservation
- **PSF** Professionnels du Secteur Financier de Support
- **NIS** Network and Information Security
- **GDPR** General Data Protection Regulation

### Top 7 Solutions
1. **Governance, risk & compliance**
2. **Data security**
3. **Asset management**
4. **Penetration testing**
5. **Backup & storage**
6. **Awareness & training**
7. **Identity & access management**

### Education & Research
- **BEE Secure**
- **CGI**
- **Uni.lu**
- **SRT**
- **LIST**

### Sectoral PPPs
- **INCERT**
- **Intrachain**
- **LU-CIX**
- **LUXI3T**

### Authorities & Regulators
- **CAA**
- **GOVCERT**
- **ANSSI**
- **CNPD**
- **CNIS**
- **CCST**
- **CNDI**
- **LSA**
- **LUXINNO**
- **LUXMEDIABASE**

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**Note:**
- Based on the ECSO Cybersecurity Market Radar
- Estimated by Luxinnovation based on last available figures in Edistus and LBR
THANK YOU!

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Sources: Editus Data, Orbis (Bureau van Dijk), LinkedIn Sales Navigator, Luxembourg Business Registers (LBR)