

## **Critical National Infrastructure**

The 13 CNI sectors

#### **Critical National Infrastructure**

Original hashood infrastructure (CD) are those critical elements of infrastructure whose less or compromise could severely impact the delivery of essential services a hear significant impact on national sesses size, read-could be compressed to the state. It also includes some functions, this is used organizations without a confident lost manifested sessional sesses size, read-could be to the confidence of the third clauge to the public (poli nuclear and notice and also, for sexample).

### The 13 CNI sectors

In the UK, there are 13 CNI sectors

- O Chemicals
- Communication
   Defence
- O Emergency Services

- Energy
   Finance
   Food
   Government
- O Health

Beveral sectors have defined 'sub-sectors'; Emergency Services for example is split into Police, Ambulance, Fire and Rescue Services and Coast Guard. In September 2024, Data Infrastructure was formally designated as a sub-sector of Communications, alongside Telecommunications and Internet, Post and Broadcast.

Each sector is overseen by a relevant Lead Government Department (LGD), that is responsible for sectoral policy, guidance and engagement with industry.



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- b) Significant impact on national security, national defence, or the functioning of the state."

### Criticalities Process

Improving our understanding of Critical National Infrastructure
The UKs Critical National Infrastructure (CRI) is increasingly interconnected and interdependent, making it harder for government to understand and manage the risk face by the UK Government has developed a new methodology is collect this data – the Criticalities Process – and is building a new tool to visualities and interregate the data produced—the UK liceoscities (see

### The opportunity for the UK

An accurate, shared-understanding of the most critical infrastructure in the UK will enable government to better understand and better manage the risk faced by our CDI. Our world-banding approach will provide the UK with the tools in needs to take data-driven decisions to improve our resilience and protect our citizens' way of life now and in the buture.

#### The Criticalities Process

isses ratio once in potentiere (i). each sector's Lead Government Department) a common approach to collect and structure data on the CNI they are respective. The process supports the systematic identification of the Essential Functions, the Bystems that provide them (and their interdependencies), and the originalization state pages these pages have a findermation is tell on the inequalitation state pages these pages have a findermation is tell on the inequalitation state pages that pages or pages accidently.

### The CNI Knowledge Base



CNI Novintenged Datable

CNI Knowledge Base is the "Single Source of Truth" for UK CNI, enabling government analysis to visualise the Criticalities data. This software lets risk moments were UKC UN on a major or as a network graph, with interdependencies mapped across it. The tool and data are held in a secure environment, accessed only by appropriately cleared government efficials.

## CNI Knowledge Base

- O Step 1 Map Essential Functions Understanding what is import
- usts y twig basenie nucleoniu understandig what is important.

  Step 2 Determine yhytema Mapping bird systems hald provide the function.

  Step 2 Assess Sector importal Understanding the import of System compromise.

  Step 4 Assess Sector importal Understanding the import of System compromise.

  Step 4 Assess Sector importal Understanding the import on the Systems in more detail.

  Step 5 Assess Cleas-sector importal Understanding the import on their sectors.

Supporting government in this work means you are helping protect the functions that everyone in the UK relies on every day to live and to work. This work will also help us help you:

- We can provide you with targeted, practical advice on the most critical technologies and products within the CNI
   We will be able to make better-informed risk management decisions, taking into account the cost and benefit of potential policies
   We will help equip you with better evidence to catalyse change within your organizations, including at board level





# National Protective Security Authority in 🚥 Guidance by Topic Tools & Resources About Tools CNI & Industry Asset Cost Estimation Tool (ACET) Who We Work With | Sol (ACRT) | Critical National | Soplosines, Weapons & Catalogue of Security Infrastructure | CREN | Equipment | Government & Public Sector Digital Risk ons National Security Act Security Control Ri (SCR) Course Security Best Practices High-Risk Individuals See. Check and Notify (SCaN) Hostile Reconnaissance Intellectual Froperty Theft & Compromise Security Campaigns Assets News & Blog Vehicles & Drones Back to top