

CISO

CISO stands for Chief Information Security Officer. Usually responsible for planning, implementing, overseeing an organization's security, including physical and cybersecurity. CISOs ensure that an organization's data and infrastructure are protected from threats and are responsible for developing and implementing security policies and procedures, as well as overseeing the work of security staff. They also work closely with other executives to ensure security is integrated into all aspects of the business. It is important to consider both CISO succession planning and development of other leaders who can represent the CISO across the organization. Such candidates, manager level and up, need to be identified early and cross-trained, not just within security but across other areas of the business. Social cues are a powerful influencer in determining what people value and how they should conform. Executives who embody new cybersecurity cultural attributes set a strong example for their direct reports and staff. When executives share their personal experiences in changing their own cybersecurity behaviors and the challenges they've faced, they are more authentic, and their experiences can help other employees surmount similar hurdles. The challenge a CISO faces when implementing organisational cybersecurity is learning their organization's systems and how to manage resources to keep information secure. The CISO must learn what type of data the public has entrusted to the organisation, what level of security is required for each system that stores that data, who can access it, and what should be done if it is breached or otherwise disrupted. With the rapid digitalisation of functions and processes of Government/Government organizations, the need for adopting secure cyber practices is becoming extremely important. A cyber breach can cause severe financial damage, bring the functioning of Government/Industry organisation to standstill. It is therefore imperative, that every organisation involved in the use of Information Technology in the discharge of its functions must identify and document its Information Security requirements that arise from different sources not limited to assessment of risks to the organisation in the context of the organisation's business strategy and objectives; through which threats to an organisation's information assets are identified, vulnerabilities and likelihood of occurrence are evaluated and their potential impact is estimated; The legal, statutory, regulatory and contractual requirements that an organisation, its trading partners, contractors and service providers have to fulfil; The set of principles, objectives and business requirements for Information handling, processing, storing, communicating and archiving that are developed for Operations Support in an organisation. Organisations must identify and implement an Information Security Management System (ISMS) that encompasses Cyber Security as well as physical and logical security controls for risk mitigation as appropriate, to protect the organisation from business harm resulting from information security issues or cyber crises. Central & state government organisations in India & international regions also industry organisations taking actions which are significant for their comprehensive growth also protecting information which may comes under government or industry department. Some of the Notable CISO in India who are making significant social impact, safeguarding common citizens, companies, business & government organisations are Pushkal Mishra, Kaushik Saha, Kapil Madaan, Arun Rai, Pragnesh Mistry, Dr.Santanu Joshi, Sachin Kawalkar, Samir Dani, Dr.Puneet Kaur Kohli, Rajiv Nandwani. The CISO is responsible for safeguarding an organization's information assets, ensuring that a company's IT infrastructure is secure, investigating security incidents and working with other members of the organization to ensure that the IT department and all employees are following best practices.

The detailed version of this white paper is available for industry organisations, government departments & ministries. It is created by the joint efforts of chamber of commerce, industry organisation, CISO of different companies, Former Secretary Ministry of Electronics.