



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A’ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(IoT and
Cybersecurity Including BCT)**

COURSE NAME : Cloud Service Management /19OE219

IV YEAR / VII SEMESTER

Unit II-

Topic : IT Governance Definition



- IT governance refers to the framework of processes, structures, and policies put in place to ensure that an organization's IT (Information Technology) resources effectively support and enable its objectives.
- It involves decision-making, resource allocation, and accountability for the use of IT within an organization.
- Essentially, IT governance sets the direction, establishes priorities, and provides guidelines for managing and using IT in a way that aligns with the organization's overall strategies and goals.
- This framework helps ensure that IT investments deliver value, manage risks, optimize resources, and comply with regulations and best practices.



Why is IT governance important?

IT governance enables an organisation to:

- Demonstrate measurable results against broader business strategies and goals.
 - Meet relevant legal and regulatory obligations, such as those set out in the [GDPR \(General Data Protection Regulation\)](#) or the Companies Act 2006.
 - Assure stakeholders they can have confidence in your organisation's IT services.
 - Facilitate an increase in the return on IT investment; and
 - Comply with certain corporate governance or public listing rules or requirements.
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- Ensures regulatory compliance
 - Supports business goals
 - Gains competitive advantage
 - Encourages growth and innovation
 - Reduces risks



Benefits of IT governance



Maintaining compliance is a given benefit of IT governance, not because it's a nice-to-have but rather a mandatory practice that organizations must fulfill. But regardless of which industry you're in, you can experience a multitude of other benefits from effective IT governance, too.

- **Aligned IT and business goals**

Aligning your IT activities to support business goals becomes much easier, enabling you to realize the value brought to the organization.

- **Improved culture**

By having policies and procedures in place for IT best practices, you can foster an IT culture that is adopted by the whole organization, not just your IT team.

- **Optimized operations**

IT activities can be better streamlined to provide maximum benefits and value to the organization.

- **More successful projects**

As IT initiatives are more aligned to your organization's strategic objectives, it's easier to execute more successful IT projects that will create a positive impact on the business.



- **Managed resource capacity**

IT governance can help provide a complete overview of your IT resources, enabling you to plan where to use resources more effectively.

- **Better quality output**

A good IT governance process helps reduce IT control issues, thus creating better quality IT output and productivity.

- **Lower total cost of IT ownership**

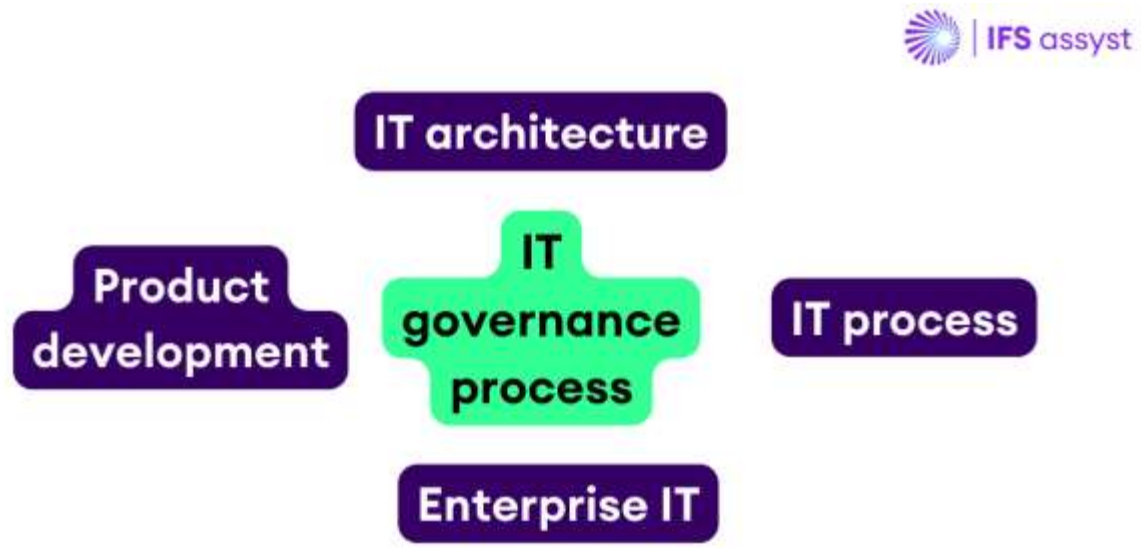
And with better productivity and higher success rates of IT activities, you can lower the total cost of IT ownership in your organization, increasing the return on your technology investments.

- **Increased adaptability**

There are always new technologies coming out, affecting the way we work. Organizations have to adapt to these ever-changing scenarios while maintaining compliance and security. IT governance makes this easier to handle.



IT governance process





IT governance process



•IT architecture governance

This process provides guidelines that new developments being added to the infrastructure need to comply with. This helps ensure that organizations are not using new technologies that they can't support, avoiding expensive and unnecessary costs.

•IT process governance

IT process governance focuses on the development, management, and support of IT products. Creating standardized processes removes reliance on a single individual or team in overseeing these activities.

•Enterprise IT governance

Enterprise IT refers to the software and hardware designed to support big organizations. It's crucial that governance for these technologies can cope with the large-scale use and depth of functionalities that typically come in enterprise IT systems.

•Product development governance

Some organizations create their own IT products, which would also require governance. This process falls in line with the software development lifecycle and ensures the different stages are in line with business priorities and objectives.