

BUSINESS & IT MODELLING

EDG GLOBAL INSTITUTE, EDG CORNERSTONE, BENGALURU | DELHI | KOCHI |

Business & IT Modelling

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EDG brings a new way of thinking that will help you understand how your business works. The modelling will allow you to create a visual map of your business. A map that shows:

How your business works

- The assets that make it work
- The interdependences between the assets

It is designed with the belief that with clarity and vision you can develop and improve:

- Clarity: Create easy-to-read diagrams that help remove ambiguity from business decision-making
- Vision: allows you to anticipate issues and challenges that can prevent a business from achieving its goals
- Develop: Enhance business capability through successful program and project implementation
- Improve: Enhance business performance through better operational management



Business Teams at Work

Framework:

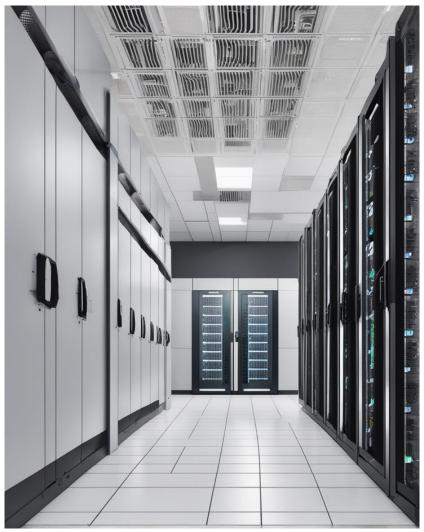
The methodology creates Business & IT diagrams (B&ITs). B&ITs provide a framework to document and model how people, processes and technology interact to make a business work.

It consists of 6 layers, arranged top to bottom:

- Stakeholders
- Business process
- Application
- Operating System
- Hardware
- Network Infrastructure

The Stakeholder and Business Process layers contain information about how the business works.

- Stakeholder: contains information about people in the business. It is here where employees, stakeholders, departments, and geographic locations can be mapped
- Business process: holds information about the business processes- how the business works. By placing the Business process elements below Stakeholder elements it is easy to see which people and departments use what business processes. This helps build Stakeholder maps to identify key individuals who will be impacted by, or benefit from, any proposed changes to the process
- The last 4 layers contain information about IT assets. These assets are the dataflow enablers that make the business work.



IT Assets

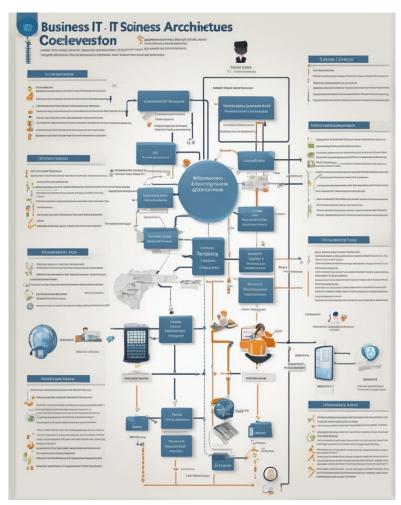
Core Principles of Business & IT Modelling

The understanding of the flow of data is fundamental to an organization's financial well-being. Business resources (including human resources) and IT assets are either providers of data, consumers of data, or provide the conduit through which the data can flow. IT exists only for one reason, namely, to enable the flow of data between

business assets. Business risks cannot be fully assessed qualitatively or quantitatively unless the cause and effects of interruptions to a flow of data, or changes to any data contained in that flow of data, have been evaluated in the context of the flow of data in question. A data security model cannot be fully assessed unless the cause and effects of interruptions to a flow of data, or changes to any data contained in that flow of data, have been evaluated in the context of the flow of data in question.

B&IT modelling works at three levels:

- A clear holistic picture: B&IT diagrams enable the user to create a clear model of the business that can be easily understood
- **Business knowledge:** Once the model is created, any information (cost, value, support, manpower) can be linked to each element in the model and reported against
- **Dynamic model:** Each individual B&IT diagram can be considered as a model, allowing the following to be performed: Stakeholder analysis, Portfolio management, 'What-if' analysis, Business case development, Financial analysis, Risk analysis, Security analysis



Building Business & IT Modelling