



DISCON Specialists

EA Enabling Technique

Function Criticality Vector Diagram Technique

Reason for Existence

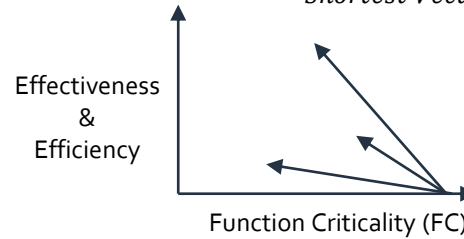
In order to establish the Business Priorities one must first derive the Function Criticality of each function after mapping the Ideal FSD to the CSF's. We use this function criticality to derive the efficiency and effectiveness per function and performance in terms of specific resources per function.

These Business Priorities are the priorities that will be used (together with the drivers) to formulate the Master Business Plan, Programme Office and Project Management.

Business Prioritisation

To establish the business prioritisation, plot the criticality per business function on the X- axis (0-8) against the rating of 0 – 10 on the Y axis per function in terms of its overall efficiency & effectiveness. **(Remember; always address those functions with the shortest vectors first.)**

$$\text{Shortest Vector} = \sqrt{(FC)^2 + Eff^2}$$



✉ **Email**
info@discon.co.za

🌐 **Website**
www.disconspecialists.com

☎ **Phone**
(+27) 12 667 5975

🌐 **LinkedIn**
<https://www.linkedin.com/company/discon-specialists>

Operational Resource Gap

During the engagement of a Business Engineering project one immediately has to focus on the burning points of the business. To enable us to identify where they are and which priorities we should allocate to the resource requirements we can utilise the criticalities of the business functions.

The **eight** typical resources or production factors can be plotted against criticalities of the functions which then will give us a very clear indication of where the problem areas in the business are, when measured against the business ideal.

1.) Information Availability

Do we have the correct information readily available to perform the activities related to the function? This mapping will indicate where the immediate focus for the development of information systems should be.

2.) Sufficient Manpower

Do we have the correct supply of personnel available or engaged for a specific job or task in performing the function?

3.) Technology Requirement

Do we have the correct technology and infrastructure to enable the business function? Is it readily available? Does it have sufficient capacity? Does it perform as it should? The technology consideration could be a delicate matter, as people might perceive a technology requirement to be an indication of being replaced with technology. The other consideration is that the implementation of technology might enhance the problem if the employees do not have the required skills.

4.) Raw Material

Do we have ample materials used as input to a process to be modified or transformed into finished goods? The Raw Material indication is typically a handy indicator in a manufacturing or production environment. This could be used to trigger Just-In-Time philosophies.

5.) Management Ability

Do we have the right policies, administration and people in place who provide the decisions and supervision necessary to implement the business function? The management ability indicator will definitely be met with substantial resistance.

6.) Energy

Do we have sufficient and sustainable energy to perform the function? Energy production is a hot topic both in South Africa and the world and it can therefore be expected that this particular production factor could be a controversial one.

7.) Operational Capital

Do we have sufficient cash available for the day to day operations of the business function? The criticality of operational capital will provide management with a clear indication of where they should focus on spending money to fix problems.

8.) Skill Requirement

Does our manpower have the correct set of skills to smoothly and adaptively carry out activities relating to the applicable function? To map function criticalities to skill is the best way of identifying where the skills shortage is and cater training programmes to deal with this shortage.