

Local Government ICT Portfolio Management

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ABSTRACT

The ONE DCC ICT Portfolio Optimisation Process - IPOP has addressed the problem of projects with little or no value entering the portfolio. This improved process which has been in use since June, results in an Optimised Portfolio which benefits the Council with projected savings of \$37,440 and an increase in Portfolio value of 20% (\$400,000).

Keywords

Project management, portfolio, local government, capstone

ONE DCC

"The ONE_DCC ICT Portfolio Optimisation Process - IPOP has addressed the problem of projects with little or no value entering the portfolio. This improved process which has been in place since June 2013, results in an optimal portfolio benefiting the Council with projected savings of \$37,440 annually & an increased portfolio value by 20% (\$400,000)."

Business Information Services

The IPOP process has been developed in collaboration with Business Information Service at the DCC. The aim of IPOP is to provide a solution to find the optimal portfolio of Proposed ICT projects.

Portfolio Displayed

Business Case

Reviewed / Verified

Portfolio Optimised

Feedback

The Benefits:

- Saves time with less meetings
- Increase in Portfolio value
- Better decision making
- Better informed Staff about the process
- Increased Customer satisfaction
- Higher chance of project success

The Breakdown:

\$37,440 is a Yearly value based on the savings gained from not having to hold Triage and Charge meetings for six staff at a weekly average of twelve hours and sixty dollars an hour.

\$400,000 the increase in the Yearly portfolio value, based on Gartner research 20-30% increase can be gained from undertaking IT portfolio management.

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as essential as the process itself.

This paper discusses the implementation of a structured framework for IT Portfolio selection through a decision support system (DSS). This is called the Information Technology Portfolio Optimisation Process (IPOP).

The DCC Mission statement is: To be one of the world's great small cities; we will be a city of connected people, cohesive communities and quality lifestyle. Strategic Management at the highest levels in the council namely the Councillors and the CEO set this mission to provide a sense of direction for both internal and external stakeholders. The aim of the CEO, CFO and CIO (collectively named the C-suite) is to operate and manoeuvre the Council with mission and vision in mind.

The Dunedin City Council (DCC) is a Municipality comprising over six hundred staff; it is responsible for the local governance to the Dunedin City Area of a total of approximately 120,000 residents. The area of the organization that handles all things Information Technological is the Business Information Services (BIS). The BIS is experiencing pressure from various sources, both internal and external to "Do more for less" and to be more effective with what they do have.

With an increased awareness of spending and a limited amount of resources to work with, the BIS have more Projects requested than resources to accommodate them which is a big problem for them. If BIS has 60 project requests in a yearly budget cycle then they have 2^{60} ($11,529,215 \times 10^{11}$) possible project selection choices, of which most are not optimal; but is a large amount never the less. The problem can be coupled with conflicting strategic management priorities, dictating projects and priorities to BIS. These projects sometimes referred to as "Pet" or "Squeaky Wheel" projects, where the loudest or most noticed project gets priority and valuable Portfolio resources, thus resulting in not doing the most important projects, ending up in a less effective Portfolio.

Project portfolio selection is a periodic activity that's objective is to meet company's objective without violating constraints such as budget and time. The successful application of selecting a project portfolio results in an increase in value added to the organisation, efficient use of resources, higher project completion rate and higher staff moral from "Doing the right projects" instead of just "completing them".

1. INTRODUCTION

The Business Information Service (BIS) department of the Dunedin City Council (DCC) require a system to select an Optimal Portfolio from competing projects. Information Technology Portfolio selection is an integral decision in many organisations. It must make justifiable and informed decisions on investments where the effective application of limited resources is

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2. Technical Highlights

The One DCC project has addressed the problem of projects with little or no value entering the BIS portfolio, this improved process results in an optimal portfolio which benefits the Council with better decision making capabilities, saving time and money.

