# Proposal

## Project Remit

The company South Web Design are moving to a larger premises in Kenmare, Co. Kerry. The business unit contains desk space for 20 employees in an open office environment. There is currently a 1000gb fibre connection and 2 phone lines but no other technology on site. The electricity & heat are also connected and operational.

## Overview of Proposed Architecture

Based on the issues identified, the key goals of the new architecture were established:

1. Build Core infrastructure around 4 new servers using Ubuntu Linux
2. Provide User accounts for up to 20 users
3. Document Network and attached devices for easier control and reference.
4. Increase security & business recovery & disaster recovery plan
5. Follow current governance, risk & compliance

This approach separates servers from local networks, research zones from regular desktop computing, and provides the means to limit the impact of each activity on the performance of another area. While all the “zones” utilise the same physical network infrastructure, they are separated as “virtual networks”.

## Value proposition

The project has been costed over and broken down to take into account the ongoing cost of refreshing the technology. As the continuing presence of older cabling in buildings causes very significant performance issues, this refurbishment work is an essential part of the complete implementation along with updating of software licences for new users as the site expands.

## Benefits of the solution

The proposed architecture will have the following benefits to the business unit in Liechtenstein: ·

* Provide a blueprint design template for implementation of a highly scalable, highly available, high performance, secure set of services.
* Provide a flexible framework which can be tailored to the business units changing demands over the lifetime of the architecture project.
* Provides a phased implementation plan catering for quick wins as well as achievement of medium to long term strategic objectives.