*RHEL to CentOS Migration*

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| STEC MIS Project Plan |
|  |

Version 1.0

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| Date: | January 28, 2013 |

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# Overview

CentOS will be deployed at all sites to replace RHEL systems and save licensing costs

## Scope

* Locate all RHEL systems at all sites
* List their current running OS, purpose and services
* Identify any local data that needs to be retained
* Test their functionality on CentOS
* Negotiate if needed with the customer a time for migration
* Migrate and copy if necessary any local data
* Start the services and verify with the customer

## Deliverables

* CentOS on all targeted RHEL systems

## Risks

1. Issues with other functionality not previously tested
2. Hardware Incompatibility
3. Miss to copy local data from the RHEL system before migration

## Assumptions

* IT staff has located all RHEL systems
* IT staff knows about all services been provided by each RHEL server
* IT staff knows about the local data that needs to be migrated

# Detailed Requirements

## Current State

RHEL is currently deployed at all sites in development, test and production environments

Having to pay RedHat for licensing on systems where support is not necessarily required

## Proposed State

To have CentOS running on all possible systems where RHEL was previously running and use it from now on any environment where RedHat would have been used

## Back out Plan

1. Copy any necessary data out of the migrated CentOS system
2. Install the previously used RHEL OS version
3. Copy back the data and startup the services
4. Verify with the customer it can access the services

# Implementation Plan / Resource(s)

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| Task | **Description** | **Resource(s)** | Time |
| 1 | Ship 2 HP DL 380 G8 Servers to Malaysia | David Sanchez | 0 |
| 2 | Install Hyper-V on MYHVSVR02 and MYHVSVR03 | Hee Theng Khoo | 1 |
| 3 | Configure Networking and SAN Connectivity on MYHVSVR02 and MYHVSVR03 | Hee Theng Khoo | 1 |
| 4 | Build Windows 2008 Servers MYMBX3, MYMBX4,MYCAS02 and MYCAS03 | Hee Theng Khoo | 1 |
| 5 | Install Exchange 2010 on MYMBX3 and MYMBX4 | Hee Theng Khoo / David Sanchez | 1 |
| 6 | Install Exchange 2010 on MYCAS02 and MYCAS03 | Hee Theng Khoo / David Sanchez | 1 |
| 7 | Configure CAS Array MYCAS | Hee Theng Khoo / David Sanchez | 1 |
| 8 | Configure DAG MYMAIL | Hee Theng Khoo / David Sanchez | 1 |
| 9 | Create PF Databases on MYMBX3 and MYMBX4. Create Test Exchange DB. | Hee Theng Khoo / David Sanchez | 1 |
| 10 | Add DNS Record WebMail.stec-inc.com for testing Exchange web services. | Hee Theng Khoo | 1 |
| 11 | Exchange 2010 Connectivity and mail routing testing | Hee Theng Khoo / Kenny Goh | 10 |
| 12 | Delete test database and create production databases in Exchange 2010 | Hee Theng Khoo | 1 |
| 13 | Update and transpose DNS records for myowa.stec-inc.com and webmail.stec-inc.com | Hee Theng Khoo | 1 |
| 14 | Move User from Exchange 2010 to Exchange 2007 in Batches | Hee Theng Khoo / Kenny Goh | 10 |
| 15 | Decommission Exchange 2007 | Hee Theng Khoo | 5 |
|  | | **Total Project Time (Days)** | **36** |

# Project Plan

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