



# ENT002 : Authentication : Review and Harmonisation - Project Brief

## Project Brief

### Document Sign-off

Name	Role	Date signed off
Tony Weir	Project Sponsor	22/06/16
David Watters	Project Manager	22/06/16
Graeme Wood	Business Lead	22/06/16
Maurice Franceschi	Programme Manager	22/06/16

## 1. Overview

### 1.1 Background

Issues relating to authenticating to University wireless and VPN services, and also to Office 365, have been identified as causing significant difficulties and confusion for users, especially when they first join the University. We want to review how these applications authenticate and see if the processes of registration and authentication can be simplified. The project will aim to implement any suggestions for improvement before the start of the 16-17 academic year.

### 1.2 Scope

In scope are the investigation of possible changes, and the implementation of any agreed modifications, to:

1. Registration process required for access to the wireless network
2. Registration process for access to the VPN service
3. Authentication usernames and password source for wireless authentication
4. Authentication of usernames and password source for VPN authentication
5. Authentication for Office 365 with special regard to eliminating the double authentication currently required when people access their Office 365 services through MyEd

The changes to the VPN service are no longer in scope for this project as the preliminary investigations have ruled these out [22/06/16]

### 1.3 Objectives

#### VPN/Wireless:

- remove the need for separate registration (as far as possible)
- change the authentication backend to use an existing username/password source e.g. AD or EASE

#### Office 365:

- provide a streamlined, single sign-on for Office 365 through MyEd
- improve consistency of usernames and passwords used to authenticate with EASE and AD and look at how we can reduce/avoid people being sent to the Home Realm Discovery page

The intention is to try and implement the above changes before the 16/17 session.

## 1.4 Deliverables

A streamlined wireless service requiring no separate registration.

Consistent usernames and passwords for wireless services with EASE and AD.

A streamlined login process to Office 365 that eliminates, where possible, additional authentication requests especially when accessing the service through MyEd.

## 1.5 Benefits

An improved user experience for VPN, wireless and Office 365.

## 1.6 Success Criteria

Delivering the above features by mid-August 2016.

### Project Milestones

Target Date	Title	Stage	Complete
02-May-2016	<a href="#">Start Project</a>	Initiate	Yes
09-May-2016	<a href="#">Initial scoping meeting for VPN/Wireless work package</a>	Plan	Yes
09-May-2016	<a href="#">Initial scoping meeting with ITL, USD and Apps directors</a>	Initiate	Yes
09-May-2016	<a href="#">Initial scoping meeting for Office 365</a>	Plan	Yes
20-Jun-2016	<a href="#">End of planning</a>	Plan	Yes
30-Jun-2016	<a href="#">Capture of O365 scenarios (for testing) complete</a>	Analyse	No
15-Jul-2016	<a href="#">O365 changes implemented and tested (in TEST)</a>	Build	No
18-Jul-2016	<a href="#">Decision on implementation of O365 changes</a>	Accept	No
09-Aug-2016	<a href="#">Deployment of changes (if agreed)</a>	Deliver	No
23-Aug-2016	<a href="#">Deployment review</a>	Deliver	No
09-Sep-2016	<a href="#">Project closure approved</a>	Close	No

## 2. Impact

### 2.1 Impact and dependencies on VPN and wireless

Wireless passwords will inevitably change and this will impact on all users of that service after a proposed period of dual running (c.6 months). Access to the central SSID may also be affected, as will how we support guest access and access provided to alumni.

There should be no impact on the VPN service.

### 2.2 Impact and dependencies on Office 365

Office 365 users may be affected if we change the way that Office 365 authenticates e.g. using Shibboleth. This may impact some users who don't use the same password for EASE and AD. The full extent of any impact will be investigated during the analysis work that is now planned. This will inform any decision about the final changes made.

## 2.3 Priority and Funding

This project is now a priority 1 project, with investigation of O365 changes planned so that any approved/agreed modifications can be implemented ahead of the commencement of the 16-17 academic year. It is priority number 2 within the ENT programme.

For reference, these are dates that must be considered when planning any changes:

Start of 16-17 year for CMVM students: 8th August [earliest group]

[Special CAB](#) dates: 21st August

Start of 16-17 year for other students: 19th September

### Project Risks

Title	Impact	Probability	Status	Risk Owner
<a href="#">Scope is not yet completely defined</a>	Low	Low	Closed	
<a href="#">Time and resourcing</a>	Medium	Medium	Open	<a href="#">Anthony Weir</a>
<a href="#">Impact of O365 changes not yet fully understood</a>	Medium	High	Open	<a href="#">Anthony Weir</a>

## 3. Organisation

### 3.1 Work/Task Breakdown

The project work will initially encompass further discussions on the scope and desirability of the suggested changes. These will be undertaken by IS technical teams and IS SMT.

Once the scope is agreed, it is anticipated that the following work will need to be carried out:

- Work packages will be created to implement agreed changes to VPN and wireless authentication
- Impact analysis will be undertaken to determine the outcome of any proposed changes to the Office 365 authentication.
- A checkpoint - yes/no decision - will be carried out by the Senior Management members of the project team
- If it is agreed that the modifications to O365 will go ahead, a work package to deploy these changes will need to be created
- There will subsequently be a review of the changes made to the services

### 3.2 Resources Skills and Cost

Resource will be required from ITI CIS and Enterprise Services sections to look at the VPN and wireless authentication.

Resource will be required from ITI Enterprise Services and IS Apps Application and Service Management teams and possibly Development Services for Office 365.

Resource will also be required from User Services Division to input to the analysis work that is planned.

#### Project Stakeholders

Name	Business Area	Role	Communication Plan
<a href="#">Tony Weir</a>	IS ITI	Project sponsor and key stakeholder	
<a href="#">Simon Marsden</a>	IS Applications Division	Key stakeholder in Applications and IS divisional director	
<a href="#">Alistair Fenemore</a>	IS Corporate	Responsible for IT Security Requirements and Best Practice	
<a href="#">Bryan MacGregor</a>	USD	User experience requirements and USD Director	
<a href="#">Alex Carter</a>	Applications Service Management	Office 365 service owner	
<a href="#">Graeme Wood</a>	ITI Enterprise Services	ITI Enterprise Services manager	
<a href="#">Alan Boyd</a>	ITI CIS	ITI CIS manager	

#### Project Estimations

Title	Spreadsheet	Stage	Date Completed
<a href="#">Initial estimate at planning stage</a>		Plan	15-Jun-2016



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