Functional Area: Product & Service Life Cycle (Security)

1.	Title	Authentication procedures ensuring
2.	Code	ITCSPL437A
3.	Range	This UoC applies to all considerations and arrangements related to the implementation and ensuring of the authentication procedures. The main focus is to ensure all authentication related tasks will operate in the right track and fulfil pre-established constraints such as budget, time frame, legislation etc.
4.	Level	4
5.	Credit	2
6.	Competency	<table><tr><td colspan="2">Performance Requirement</td></tr><tr><td>6.1 Possess the knowledge in the subject area</td><td> - Fully understand that personal identity authentication is a fundamental issue in security protection, and applies to CIS customers / users with no exception - Fully aware of the importance in setting up a standardised authentication procedures to be followed by all involved personnel including employees and customers - Be aware of the wide range of approaches, methodologies and technology for authentication detection, each with its own advantages and shortcomings - Understand the necessity for broadcasting and promoting to all related personnel / parties once the company's authentication procedures have been confirmed and put into practices - Grasp the necessity for gathering comments towards the personal identity authentication procedures from participating staff member and other parties such as customers </td></tr><tr><td>6.2 Authentication procedures ensuring</td><td>Be able to: - Design and implement an authentication procedure for use and followed by all related personnel of the company's products and services - Define in exact details and working steps on how a user (including staff members and customers) should be authenticated before gaining access to information or services - Explore and adopt the most effective and economic means to achieve the fundamental purpose of authentication - identifying an individual based on say username, password or biometric verification to ensure who the user claims to be - Explore the necessity to adopt and implement more advanced or strict means for identity authentication such as two factor authentication – ask for what the user knows and what the user has simultaneously - Effectively communicate with staff members and related parties the adopted authentication procedure and scheme, for their understanding and follow up - Effectively communicate with customers the authentication procedure before using the company's products / services, for their understanding and following </td></tr></table>

	6.3 Exhibit professionalism	• Always ensure correctness and accuracy in the setting up and adoption of authentication procedures • Always ensure all related parties work with full capacity and honesty in all tasks relating to identity authentication • Always maintain the proper balance between the interests of the company, customers and the society as a whole
7. Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: i. successfully design and implement a clear authentication procedure for all personnel working with or using the company's products and services ii. ensure all related parties understand and observe the established authentication procedures, and be able to report and handle exceptions on time, etc	
Remark		