



UC Implementation Plan

What is it?

The Department of Defense Chief Information Officer (DoD CIO) directed in the DoD Instruction (DODI) 8100.04 that all DoD components shall unify network capabilities. Unified Capabilities (UC) are defined as the integration of voice, video, and data services delivered across a secure and highly available network infrastructure to provide increased mission effectiveness to DoD components. This UC Implementation Plan (UC IP) describes the Marine Corps' high level plan for deploying UC in a controlled and measured way across the MCEN. It outlines the Marine Corps' plan to continue to employ Dense Wavelength Division Multiplexing (DWDM) technologies in compliance with the DoD Unified Capabilities Requirements (UCR) document and defines the process to migrate to assured services (AS) Voice and Video over IP (VVoIP).

Why is it important for the Marine Corps?

The UC Implementation Plan will be used as a guide to develop individual deployment plans for each of the key locations scheduled to roll out UC technologies. This Implementation Plan will be provided to DISA and the other DoD Components in order to coordinate UC implementation schedules and ensure synchronization and interoperability across the DoD enterprise.

The Marine Corps Systems Command (MCSC) is responsible for UC Implementation. The Implementation Plan will enable the Marine Corps' core infrastructure to support the migration of voice, video, collaboration, and data services from legacy Time Division Multiplexing (TDM) circuit switched technologies to voice and video over IP (VVoIP). The Implementation Plan will allow for the employment of capabilities such as DWDM, VVoIP, Enterprise Directory Services (EDS), The Marine Corps Commercial Mobile Device Strategy, Enterprise Classified Voice over IP (ECVoIP), as well as efforts to support UC in the tactical environment.

What is the current status?

The Marine Corps is participating with the Defense Information Systems Agency (DISA) and the other DoD Components in the development of functional requirements, performance objectives, and technical specifications for DoD networks in support of UC efforts. The Marine Corps Enterprise Network (MCEN) Unification Implementation Plan identifies the Lines of Effort required to achieve the IP-enabled battlefield of the future. The MCEN Implementation Plan will be updated as required to reflect updates and changes to the implementation timeline.

What is next?

The Marine Corps will continue to work with DISA and the other DoD components to refine the existing Joint Information Environment (JIE) UC architecture. This collaborative planning effort will ensure the UC architecture developed meets the Marine Corps' operational requirements. The Marine Corps will comply with the directives and guidance issued by the DoD and the Department of the Navy (DON) and participate as resources allow with DoD, DISA, and other various joint service transition activities.