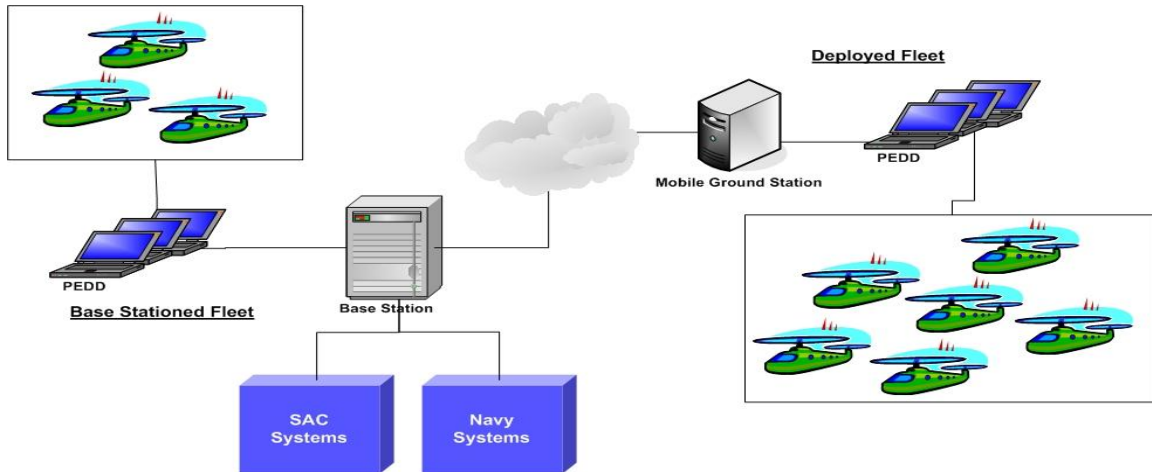




## **SIKORSKY AIRCRAFT - INTEGRATED SUPPORT SYSTEM**



### **Challenge**

Sikorsky Aircraft required the ability to deploy an aircraft maintenance management system that could effectively manage entire fleets of aircraft. The system needed the ability to communicate effectively between mobile technology and fleet management software. The environment must be able to function in harsh conditions with robust continuity of operations capability.

### **Solution**

Modus21 delivered an interoperable architecture to enable distributed computing system that facilitates the distribution of aircraft maintenance data and provisioning/supply data. This architecture uses intelligent transport to facilitate the movement of information within the fleet management network. The transport is based on secured XML communication.

### **Results**

The intelligent transport technology implemented by Modus21 enables Sikorsky's FMS to cope with scenarios where base stations and/or ground stations suddenly become unavailable due to either regular or catastrophic events. Data has become a precious commodity that organizations can ill afford to lose – especially data concerning weapon systems such as helicopters. By implementing Modus21's solution, Sikorsky will be able to virtually guarantee that no data concerning their helicopters will be lost and that all information will be properly routed to the correct system and/or personnel.