The Department of Defense (DoD) Cancer Registry Program was created through a modernization effort championed by Deputy Assistant Director for Medical Affairs (DAD-MA). The DoD Cancer Registry application and database was transitioned from the Government Off-the-Shelf Automated Central Tumor Registry (ACTUR) to an industry-wide used Commercial-Off-the-Shelf (COTS) solution.

The DAD-MA procured a COTS solution via the Resource Decision Board in Fiscal Year 2019. In collaboration with the Deputy Assistant Director for Information Operations, the Solution Delivery Division Health Services Support Program Management Office was tasked with implementing and fielding the COTS solution across the enterprise. During the two-year implementation period, the project team transitioned eight Commission on Cancer accredited treatment centers and 126 military treatment facilities to the new cloud-based centralized solution.

**Background:**

The Congressional mandate (PL 102-558) prescribed the requirement for treatment facilities to implement a registry capability to document tumors and cancers in alignment with established guidelines as promulgated by the American College of Surgeons. The Military Health System met the intent of a central tumor registry through the development of the ACTUR at the Defense Manpower Data Center. In an attempt to keep pace with standard setters for coding and reporting compliance, the DAD-MA Clinical Support Division championed the procurement of the COTS solution.

**Key Features**

- Cloud-based application and centralized database
- World-wide accessible supporting remote abstracting
- Leverages milCloud technologies for authentication and security

**Key Benefits**

- Features a modern graphical user interface maintained for compliance with industry standards
- Facilitates distributed workload and regionalized market management
- Improves workflows, increasing productivity on average by 600%
- Provides automated Health Level 7 (HL7) compliant case finding for HL7 compliant electronic health records
- Reduces life-cycle cost by at least 10% over the current future years defense program
- Improves reporting for accreditation and research activities

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