

ROLE TO CLINICAL SCENARIO MAPPING SPREADSHEET

The Role-to-Scenario Mapping spreadsheet developed by the Veterans Health Administration (VHA) Role-Based Access Control (RBAC) Task Force (TF) continues to be populated after weekly discussions with RBAC TF clinicians. In the event that the authorization of a role to perform a worktask is unknown, a TF member will take an action item to investigate that role within the healthcare community. In addition to developing the spreadsheet and identifying each of the clinical worktasks, the VHA RBAC TF has populated 662 cells within the spreadsheet for the licensed healthcare provider categories.

The spreadsheet associates American Society for Testing and Materials (ASTM) E-1986 Standard Guide for Information Access Privileges to Health Information roles to high level clinical activities performed by those healthcare roles. Once populated, the spreadsheet will function as a foundational tool to assist in the scope of the RBAC modeling effort. It can also be utilized as a quick reference for activities performed by each healthcare role. The spreadsheet presents scaleable management of user permissions in the form of a list of roles and tasks (role-based access) as a healthcare standard.

SDO ACTIVITY

- ? VHA RBAC TF members will be meeting with a Health Level Seven (HL7) Modeling and Methodology Technical Committee co-chair in early March, 2004 to discuss the RBAC Role Engineering Process in detail and how that process aligns with the emerging and evolving HL7 Development Framework (HDF) methodology. The discussion will also help VHA RBAC TF prepare for its presentation to the HL7 Board at the May 2004 HL7 Working Group Meeting for consideration of adoption of the RBAC effort.

Benefit: Scaleable management of user permissions in the form of a list of roles and tasks (role-based access) as a healthcare standard via the HL7 SDO. Interagency architecture and data sharing as an international healthcare standard, promoted, coordinated and facilitated by VHA.

- ? Enhancing ASTM Standard E-1986 - The VHA RBAC TF spreadsheet uses the ASTM E-1986 basic healthcare roles standard. The workflow items that were identified by the VHA RBAC Task Force effort provide content to that standard by associating relationships to those roles. The VHA RBAC TF intends to present the spreadsheet to ASTM as an addition to the ASTM E-1986 standard. Even if not all of its cells are filled in completely, the workflow and scenarios associated to licensed healthcare providers would be beneficial to include in the standards work. The three new roles (Therapist, Nurse Anesthetist and Vocational Rehabilitation) will also be presented for addition to E-1986. He is confident to move forward with this effort at the 'speed of standards'.

Benefits: In addition to enhancing the existing ASTM E-1986 standard, RBAC could obtain broader interest and participation as a result of the VHA RBAC TF role-to-scenario mapping effort.

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