170.315(d)(13)(i) Multi-factor authentication
Requirement:
1. The health IT developer attests, "Yes, the Health IT Module supports authentication, through multiple elements, of the user's identity with the use of industry-recognized standards," and;
2. The health IT developer submits description of the supported use cases.

Response:
1. Yes – the Health IT Module supports the authentication, through multiple elements, of the user's identity with the use of industry-recognized standards. When attesting "yes," the health IT developer must describe the use cases supported.

2. Use Cases:

   RPMS Login – RPMS can be configured to use the multi-factor authentication methods available through the required database manager, Intersystems HealthShare 2017.2.2. The two factor authentication methods supported currently include:

   - Direct methods:
     - SMS text authentication
     - Time-based One-time Password (TOTP) authentication
   - Indirect methods: (Would require that the two factor authentication be controlled externally to the system.)
     - LDAP
     - Operating System Based

   Individual components of the EHR system can also utilize two factor authentication. E-prescribing for Controlled Substances (EPCS) is an example of this. These components are typically configured when a destination system requires two factor authentication so while the RPMS/EHR system can support these requirements, they are not used to control access the RPMS/EHR system itself.