

# Tyk Portal Authorization

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# Overview

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# Use Cases

1. U01: Register and remove users
2. U02: Manage access control
3. U03: Integration to external identity providers
4. U04: Give access to selected operations
5. U05: Give secure access to third party systems
6. U06: Use third party identity management systems
7. U07: Allow self-service registration
8. U08: Track usage
9. U09: Revoke access
10. Map roles to organization units

# Authorization Methods For Portal Access

1. Credentials (email and password)
2. OAuth 2
3. OpenID Connect
4. SAML
5. LDAP

# Authorization Methods API Access

# Application-Level Authorization

1. No Authorization
2. HTTP Basic
3. API Keys
4. OAuth 2 Tokens
5. JWT
6. HMAC

# Transport-Level Authorization

1. TLS
2. Mutual TLS

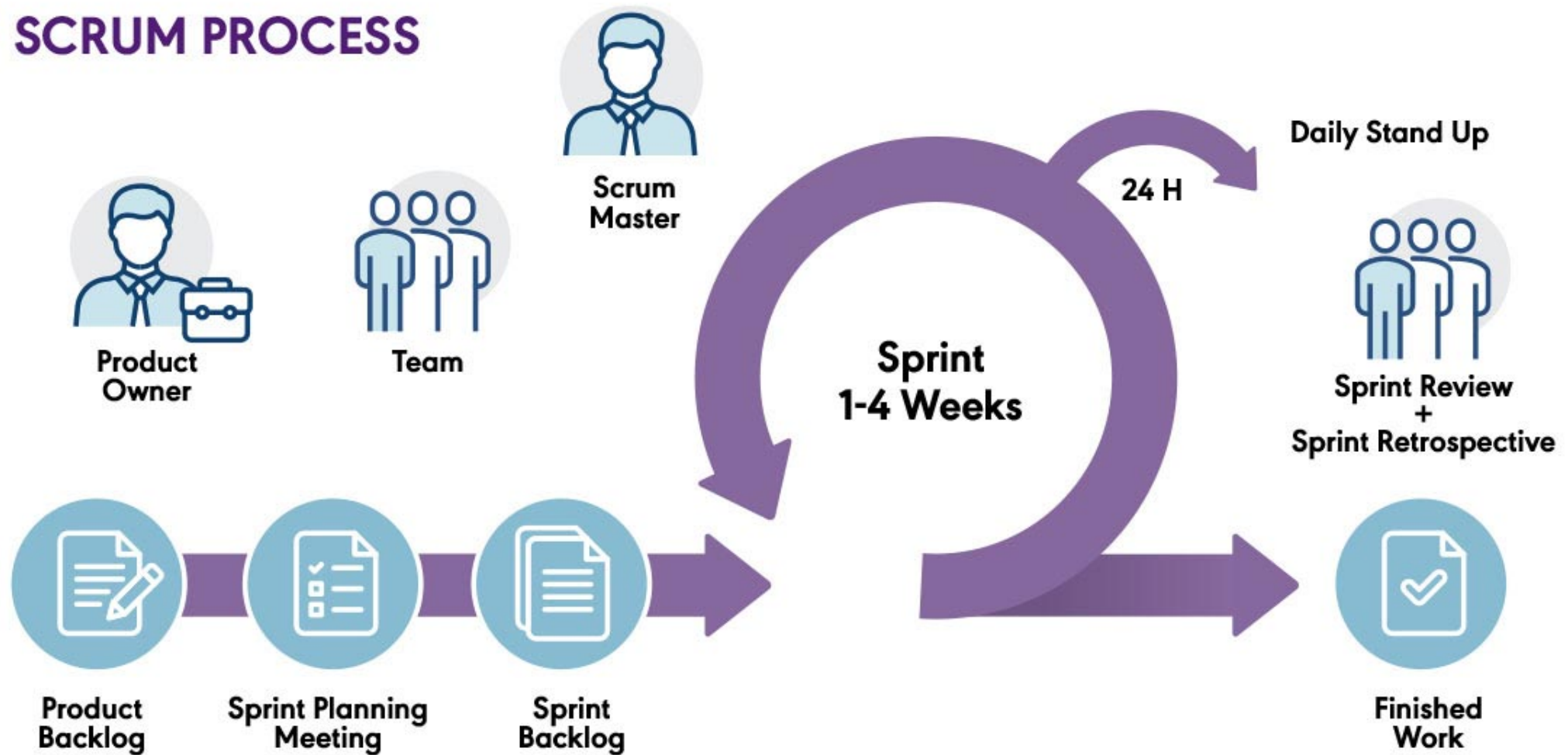
# Access Control

Model	Usability	Management	Implementation
ACL	Easy	Hard	Easy
RBAC	Medium	Easy	Medium
ABAC	Hard	Easy	Hard



# Recommendation and Implementation

# SCRUM PROCESS



# Collaboration and Improvement

# Conclusion