

Technology Stack

- Windows 2012 R2 server
- IIS 8.5
- ASP.NET 4.6.2
- SOAP based JSON Web Services (RESTful APIs coming soon)
- SQL Server 2012/2016
- HTML 5, jQuery 2.2, AngularJS 1.5, RequireJS, Bootstrap 3.3, CSS 3, LESS

Security

Authentication

- Forms
- AD
- ADFS
- OAuth 2.0 (coming soon)
- SSO container
- SSO endpoint (coming soon)

Authorization

- Security Object Model (SOM) w/ hierarchical org/ role structures including permission inheritance
- Data-driven security at site, page, page section, field/ button, service and data levels with SOM

Defense

- Anti-XSS
- Anti-XFS
- Anti-Forgery
- Encrypted ajax communication
- Always encrypted database (coming soon)

Performance

- Load balanced web farm for failover and scalability
- Ajax forms for quicker interactions
- Transport-level & file-level compression for faster page loads
- Lazy load content based on page usage

Responsive design

- Bootstrap grid w/ full support for mobile, tablet & desktop usage.
- Intuitive UI and UX for better productivity
- Modern browsers support (IE 9+, Chrome, Firefox, Safari)

Modular features

- Modular code base with independent deployments per module/feature
- Inter-module communication w/ context switching

Hosting

- Single instance or load balanced web farm
- On-premises or SaaS

Data Integration

- Data migration
 - Data loading with a wide-range of tools
 - Bulk user load / organization import tool
 - Interface with any ODBC compliant data system to stage/import data
 - External scraping tools
- Data scrubbing
- Data validation