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IDABUS® User Interface
for Identity Manager and Azure Cloud Services

The Oxford Computer Group (OCG) is a global IT services company with offices in the USA, UK, Benelux, Germany and Austria. OCG is a worldwide recognized expert in the planning and realization of solutions in the area of Directory Services, Identity and Access Management (IAM) systems, Service Automation and Cloud Services based on Microsoft technology. In the field of Identity and Access there has been a close cooperation between Microsoft and OCG over 15 years. OCG provides an extensive portfolio of extensions and complementary solutions for systems. Especially for the area of Microsoft Cloud, OCG offers specially adapted solutions for the realization of a central or the integration into an existing IAM system. The role-based and delegable assignment of authorizations is a special focus. An excellent functional and strategic consulting, up to the complete project planning and implementation, the development of special solutions according to customer specifications, workshops and a large selection of trainings are components of the services offered by OCG. The support contracts offered by OCG allow a predictable reliability for the system in case of problems even after the completion of the project. The contracts can be individually adapted to the needs of the customer. These can include the on-site availability of consultants in the event of a problem within 24 hours or a response time in the event of a problem within four hours. The numerous training courses offered by OCG ensure a fast and effective transfer of knowledge, so that systems can be operated cost-effectively or developed by the customer as required. As the only Microsoft partner, OCG has been developing IAM courses for Microsoft for more than twelve years. In addition, OCG exclusively offers advanced courses for developers and system integrators. Until today OCG has trained more than 7,500 IAM professionals worldwide.

Microsoft Identity Manager provides its own user interface for the administration of objects within the Identity & Access Management (IAM) system. The configuration options (design, layout and function) of this standard interface are greatly enhanced by the OCG User Interface for MIM and IDABUS (IDABUS UI). The IDABUS UI can also be used, to connect to the IDABUS Azure IAM System!
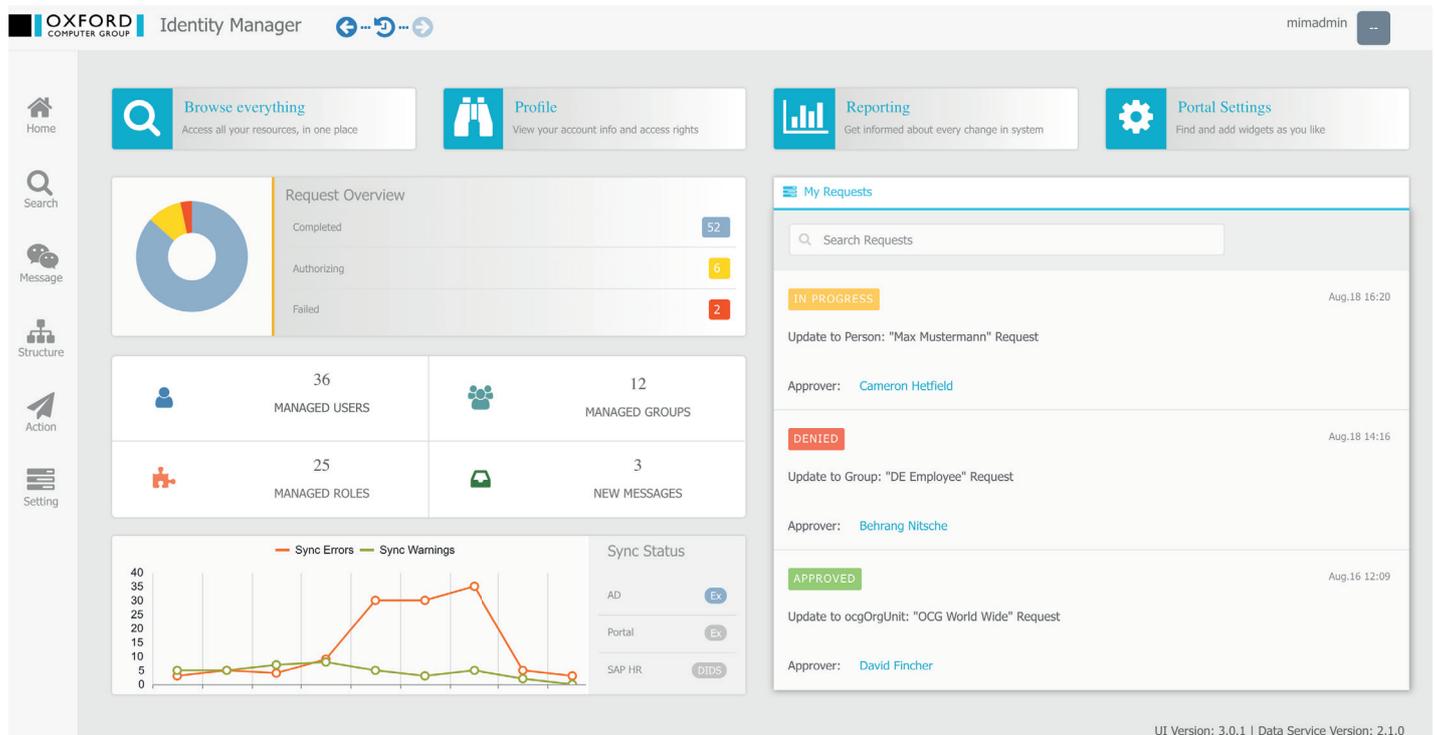
The IDABUS UI provides a user interface suitable for administrators and end users alike, which can be adapted to individual and customer-specific requirements. Proven web technologies (HTML5 Single Page Application, jQuery, CCS3 and Bootstrap) were used in the development of the IDABUS UI.

In detail, the IDABUS User Interface extends the Microsoft Identity Manager portal solution with the following additional functions:

■ Predefined user interface form templates enable quick and easy implementation into the Identity Manager infrastructure and the processes mapped there.

■ The IDABUS UI offers a browser-independent display of the forms.

■ Integration with various enterprise portals is possible (including partial views and tasks or also the integration into Microsoft Teams).

■ The user interface provides a comprehensive and intuitive framework for the creation of additional individual user interface components for the management of users, groups, roles and various structures (organization tree, DFS file structures, Active Directory topology or SharePoint structures) (e.g. adjustable search mask, date-time picker, image uploader).

■ The IDABUS UI allows dynamic queries of databases, web services or directories while entering data (e.g. to generate unique login names).

■ The IDABUS UI provides the ability to centrally manage Azure AD (AAD) cloud identities, B2B identities, and integrate cloud identities with on-prem identities. This requires also custom extensions into the sync engine and the MIM Portal.

■ The dashboard of the IDABUS UI also offers a clear display of open process requests, status of system connections from the Sync Engine, quick access to reports and to important settings from the Identity Manager. A very comfortable search function with export options (Excel) complete the dashboard.

■ The permissions assigned to objects and attributes in the Identity Manager portal can be used directly by the IDABUS UI and therefore do not require any additional configuration effort for the realization of administrative concepts.

■ The user interface only extends the Identity Manager schema by some attributes and object classes. It therefore uses the same database as the Identity Manager Portal or the IDABUS Cosmos DB in the Microsoft Azure Cloud infrastructure.

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Depending on the requirements, different modules can be selected for the dashboard and combined to create a custom „user interface". These settings are stored per user in the Identity Manager portal.

The following standard modules are available:

- Comfortable search function with export possibility of search results.

- Structure view (tree) for different object types like: Organizational Units, Business Roles, Locations and PAM Groups.

- Request & Approval Manager

- Attestation Manager Adjustable SoD rule base

- Adjustable SoD control base

- RBAC functions in all relevant forms (User/OU/Role)

- Various wizards (e.g.: user, group, role, OU creation)

- Detailed views for users, groups, organizational units, roles and permissions (e.g.: General Attribu- tes Viewer, Group Membership Viewer, Role & Identity Viewer, Mobile Setting Viewer, Azure AD Viewer, Sync Status Viewer).

- Requesting Privileged Access Management (PAM) „candidates" for Active Directory Domain Services.

- Requesting temporary administrative privileges if one has already been pre-confirmed as a candidate in PAM.

- The OCG UI can also be operated without portal integration. The Identity Manager Service is then only considered as the back-end and the OCG UI is used as the front-end.

- An extensible Outlook app provides a rich experience for Outlook or OWA users (Exchange version 2013 and later).

- The OCG UI has its own lock screen and can be used with different accounts (to the current login user).

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If required, the standard MIM portal form (e.g. for administrators) is still available via a link in the UI.