

Introduction to DynamIQ-Apps

After more than 20 years of experience accumulated through numerous IAM (IGA) projects, OPNS observed that one typical challenge is to provide business-friendly front ends for simple IAM transactions.








Most IAM products do propose some default front-end and, as part of the richness of the underlying solution, that front-end offers many options, leading to complex and “less-intuitive” experience for non-IT users.

Furthermore, for some organizations, it is critical to propose extremely fluid front ends to offer fast & efficient processing of simple but sometimes recurrent activities. For example, in the retail industry, an organization with many retail stores and possibly a high turnover of employees (permanent or interim), a simple action as enabling a User on the Saturday, on the spot, should take no more than a couple of seconds.

Also, the ability to quickly adapt the front-end look-&-feel and ergonomics, based on feedback from the field, is as important as the initial delivery of a v1.00. The more this fine-tuning task can be delegated to relevant staff the better for the IAM team itself, that has plenty of other tasks to perform (and that are usually not UI/UX experts...).

To tackle this challenge OPNS created a **no-code framework** that is fully integrated with NetIQ IDM.

Once deployed on top of your NetIQ IDM platform, you can easily instantiate and configure dedicated front ends and expose them to business users, offering them an optimized experience for classic tasks like:

<input type="checkbox"/> Create new user (future employee, contractor, partner...)	
<input type="checkbox"/> Activate new user on 1 st day	
<input type="checkbox"/> Search user & perform quick actions (Helpdesk, manager)	
<input type="checkbox"/> Assign a Role to a User (Pick from a list → Attribute → Role)	
<input type="checkbox"/> Task execution confirmation/feedback (part of “Spider” driver)	
<input type="checkbox"/> Trigger a User transfer from Department to another	
<input type="checkbox"/> Many more options!	

Deploying an IAM solution is already a nice challenge, and pushing sub-optimal front ends to the business users makes this challenge much harder. That’s where DynamIQ-App fits, bringing simplicity and efficiency to both your business and to yourself, as an IAM product owner.

It’s so simple some teams deployed dozens of such simple front ends!

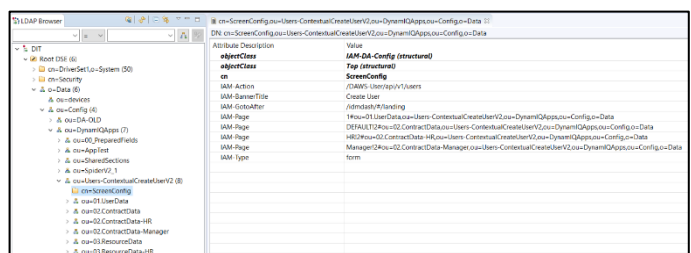
Basically, adding DynamIQ-App capability to your NetIQ IDM environment consist of:

- A schema extension of your eDirectory, to add classes for DynamIQ-App® configuration objects
- Adding a couple of Web services in the NetIQ IDM Tomcat
- A registration with OSP to enable SSO
- Expose the universal “no-code” front-end through the NetIQ IDM Tomcat

To deploy a new front-end all what you need to do is to configure it through eDirectory objects; no need to start any developer tool neither NetIQ Designer®, no need to write any single line of code (even simple ECMA script or whatsoever), and no need to create any associated IDM ‘PRD’ or workflow.

It is so simple that any (minimally trained) person can do it by himself, and some customers asked us to be able to delegate such configuration to non-admins.

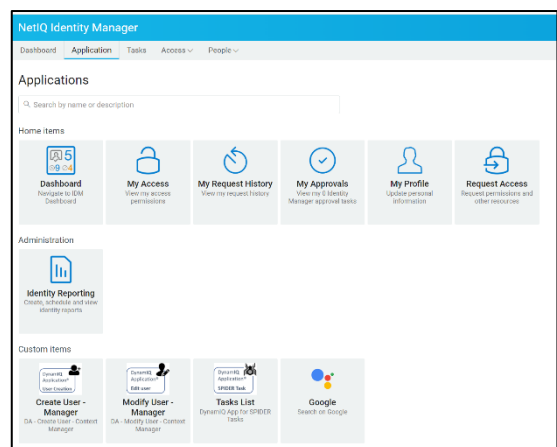
They asked and we did it: with version 2.00 onwards the IAM team can delegate the right to configure/tune any DynamIQ-App instance through ACLs in eDirectory, granting authorizations on DynamIQ-App configuration objects related to that specific instance.



Steps are quite simple: create a configuration container (OU) in eDir, and place required configuration objects representing pages (or tabs), grids, fields, labels and more. That’s it. You now have a new and optimized application to perform an Identity-related transaction, perfectly adapted to your end-users.

In the latest release we added the ‘context’ concept, enabling fast and easy re-use of an existing configuration to instantiate a ‘clone’ with only small differences, sparing time in the configuration & testing. We also added the capability to add custom web-services in the data flow, enabling additional (advanced) data controls or other functions, specifically for customers that do want to leverage DynamIQ-App to its maximum.

Any DynamIQ-App is responsive by design, and there are multiple uses on any kind of browser, any computer and/or tablet. Also, a DynamIQ-App can be reached directly through its own URL and/or exposed as an additional Tile in the NetIQ IDM portal (UA / Identity Apps):



Obviously DynamIQ-Apps are natively multi-lingual with a translation file for both Labels and Help (“tooltips”).

DynamIQ-App is part of **Mir.IAM**, our overarching framework for a maturity level 5 IAM, and is available separately as a product to enrich your NetIQ solution; contact us for details.