DYNAMIC ACCESS PROFILE PACKAGING: BENEFITS AND IMPLEMENTATION

In large organizations, even with moderate fluctuation, numerous individuals join or are transferred internally each day. One of the biggest challenges is ensuring that new or transferred employees can start work as soon as possible while having the necessary knowledge and permissions. Frequently, essential permissions are either improperly collected or outdated, necessitating additional resources from the IT department to properly collect, request, and ultimately establish the fundamental access rights. Consequently, it often **takes weeks for a new employee to begin work**, resulting in a loss of organizational efficiency.

This task can be significantly simplified if the organization utilizes the information it stores about its employees to determine who need access to what. With **advanced statistical** and **AI data mining methods**, employees can be grouped into small clusters based on their stored data, allowing the necessary permissions for their jobs to be **accurately determined.** In favorable cases, this grouping allows 80-95% of the necessary permissions to be accurately assigned. This not only means that employees can start working sooner, but also that the background work required for this can be greatly reduced. In one of our implemented projects, **the individually defined and manually assigned permissions were reduced to about one-fifth to one-seventh on average.**

During the execution of such project, we conduct the necessary data mining, generate the custom code that will allow the results to be recalculated regularly, support internal validation of the results, and can even assist with integration into an IAM tool. The data mining, determination of results, and preparation for regular recalculations typically take about **3 months**, involving 5-7 of our experts and data scientists.

● Employee data

Collecting employee data, eg. job title, manager, position, region, area, type of work, home office / office, certificates, language exams, department, office, educational background, organizational data etc.

01

02

Users & Entitlements

Collection of users per systems, and entitlements.

● Analysis

AI-based data mining.

03

04

Adjustments / Consulting

Validation of initial results, execution of necessary adjustments.

● Initial results / Internal review

Consultation, review cycles, fine-tuning, recalculation if necessary.

05

06

Finalizing results / Approvals

Validation of results, handover, documenting project closure.