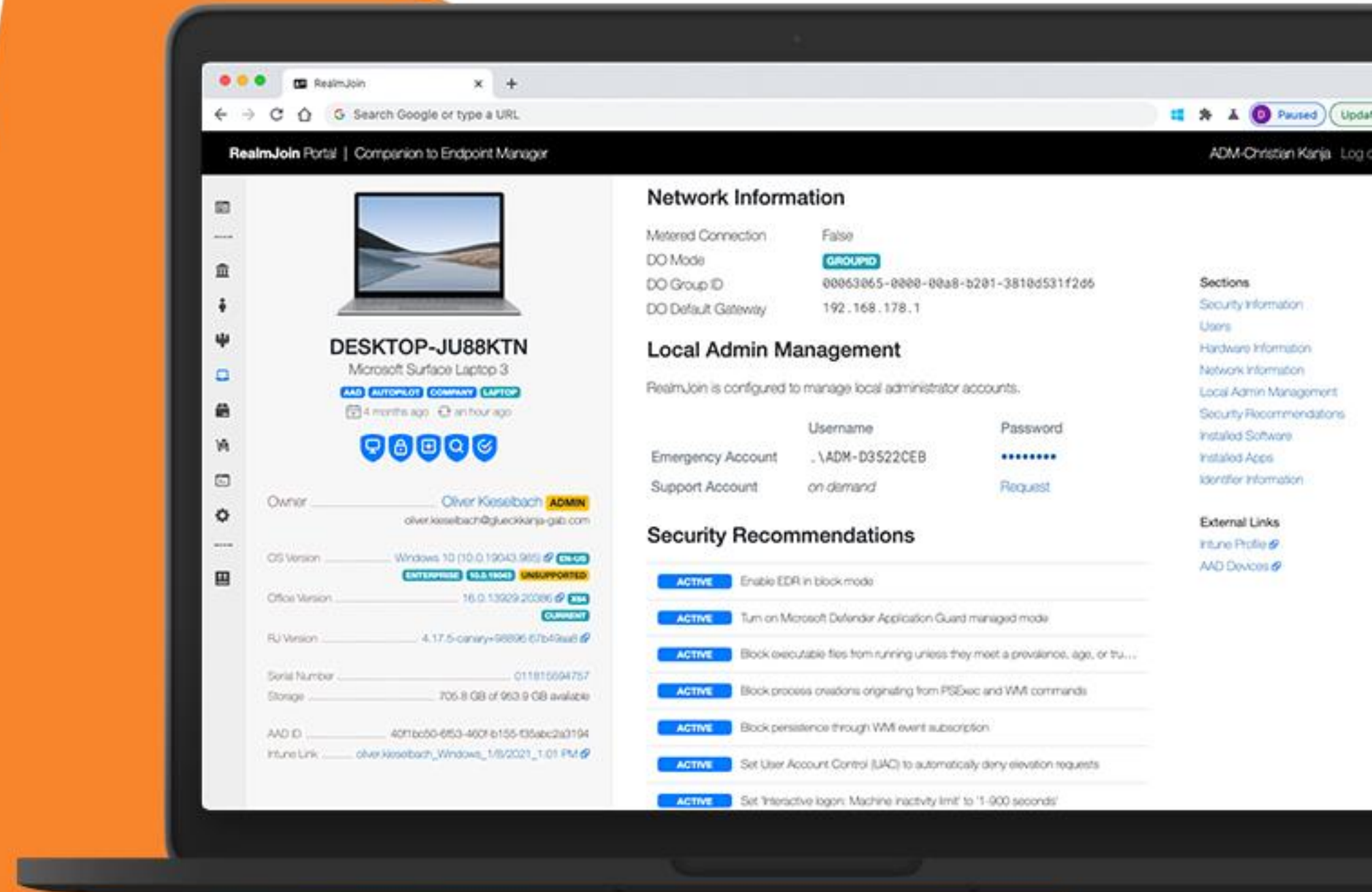


RealmJoin

Companion to Microsoft Intune



What is RealmJoin

The initial RealmJoin version was created when Intune started to be an enterprise ready product in 2016.

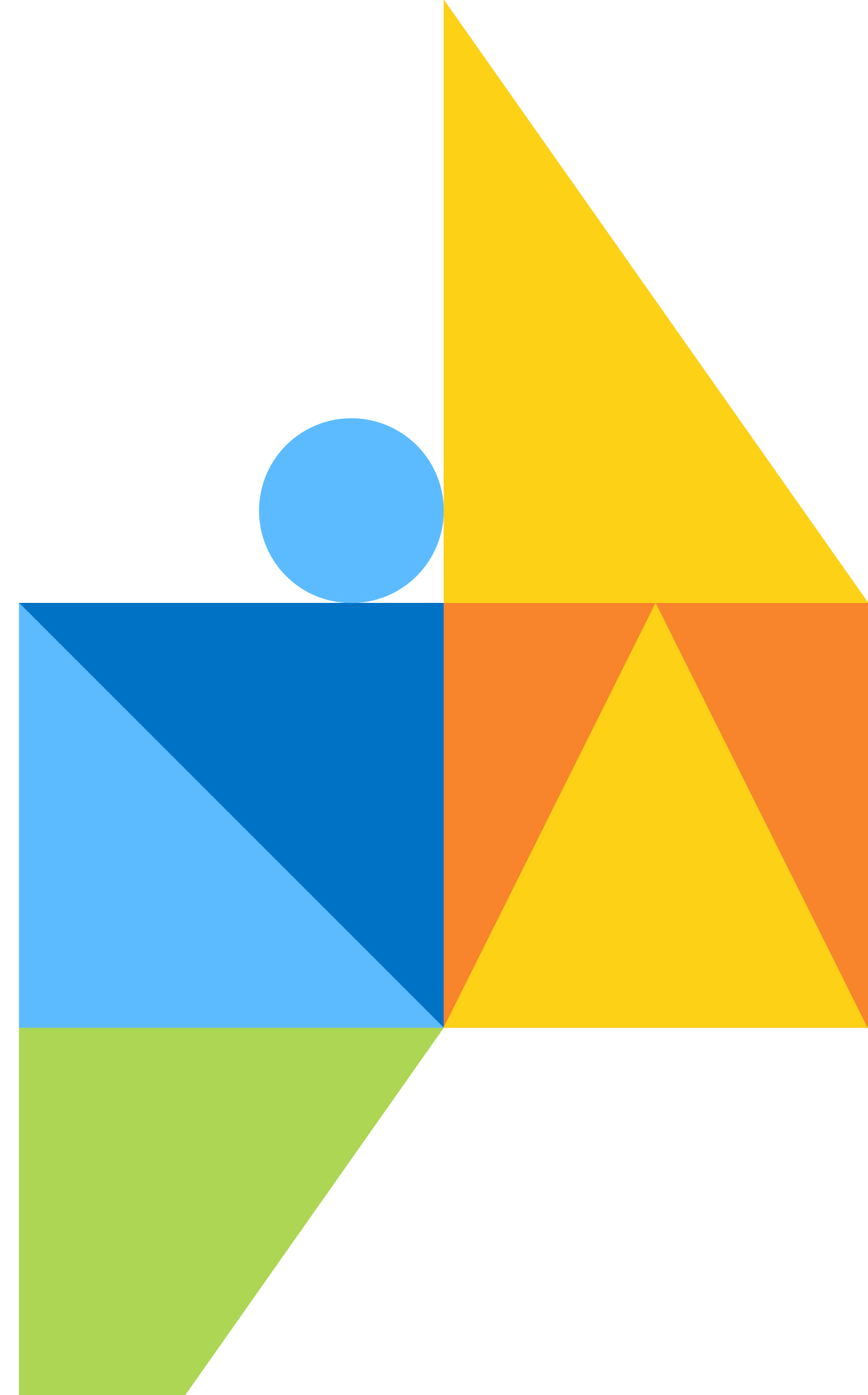
Overcoming the early days of a 'Silverlight based Small Business' cloud management platform, Intune became a great ecosystem to manage cloud deployed Windows, Mac and mobile devices with modern OMA policies and cloud native approach. But compared to 20+ years of on-premises management software the development of Intune was fighting the demands of enterprise requirements every day of its existence.

RealmJoin is designed as a Companion to Intune, delivering enterprise ready 'glue' to limitations of the ecosystem. It all started with helping Intune to deliver Win32 applications in environments with 10s of thousand cloud deployed Windows 10 devices.

Within the last 5 years RealmJoin helped **deploying many 'Azure AD only' seats** in enterprise environments.

The philosophy is to **mitigate missing features until Intune offers them stably itself**. In addition, simplifying typical administrative processes as much as possible through automation and flow logic.

RealmJoin Apps

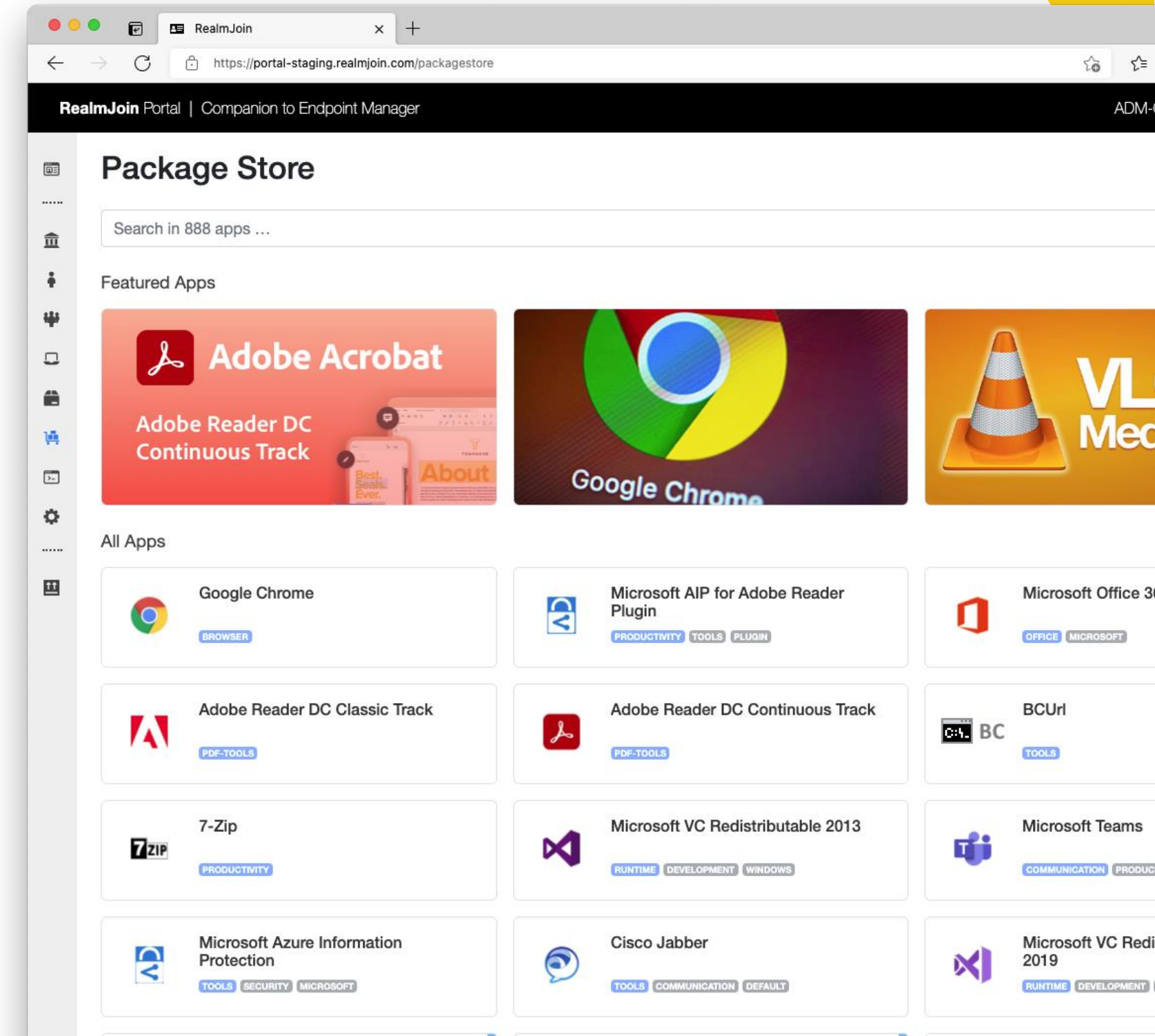


RealmJoin Application Lifecycle

Outdated and unpatched client applications are another risk for companies of any size. glueckkanja-gab offers a modern mitigation to this threat: **Managed Applications**

Used by hundreds of customers **on more than 250.000 modern clients** and maintained by an experienced team in Germany the RealmJoin Application Store offers **more than 800 pre-packaged applications** with an increasing amount of fully maintained packages. These maintained packages are monitored with Microsoft TVM and vendor feeds and will be **updated within 24-48 hours in case of security issues.**

Automated build and testing pipelines guarantee a consistent store of always-current and always-secure applications – extending the evergreen approach to the application layer.



ROBUST PACKAGING PIPELINE

Technologies from large scale product development are used to create robust and deterministic application packages. All sources are within an audited GIT repository, CI/CD pipelines compile the packages and run analytics and testing for reliable apps.

The screenshot displays a GitLab CI/CD pipeline interface for a Mozilla Firefox build. The browser address bar shows the URL: `https://gitlab.realmjoin.com/generic-packages/mozilla-firefox/-/jobs/423517`. The page header includes the REALMJOIN logo and navigation options like Projects, Groups, and More. A search bar is present with the text "Search or jump to...".

The main content area shows the pipeline status as "passed" for Job #423517, triggered 18 hours ago by Christian Kleemann. The job log is displayed in a dark-themed terminal window, showing the following steps and durations:

- 1 Running with gitlab-runner 13.4.0 (4e1f20da)
- 2 on CS341 a44d91ca
- 3 **Preparing the "shell" executor** (00:00)
- 4 Using Shell executor...
- 6 **Preparing environment** (00:00)
- 7 Running on CS341...
- 9 **Getting source from Git repository** (00:25)
- 10 **Fetching changes...**
- 11 Reinitialized existing Git repository in F:/gitlab-ci/builds/a44d91ca/0/generic-packages/mozilla-firefox/.git/
- 12 **Checking out 631dfebc as master...**
- 13 Removing .realmjoin-gitlab-ci-helpers/
- 14 Removing generic-mozilla-firefox.88.0.0.0.nupkg
- 15 Removing generic-mozilla-firefox.intunewin
- 16 Removing publish/
- 17 git-lfs/2.7.1 (GitHub; windows amd64; go 1.11.5; git 6b7fb6e3)
- 18 **Skipping Git submodules setup**
- 20 **Executing "step_script" stage of the job script** (00:17)
- 248 **Uploading Intunewin/MSIX artifacts for successful job** (00:04)
- 249 Version: 13.4.0
- 250 Git revision: 4e1f20da

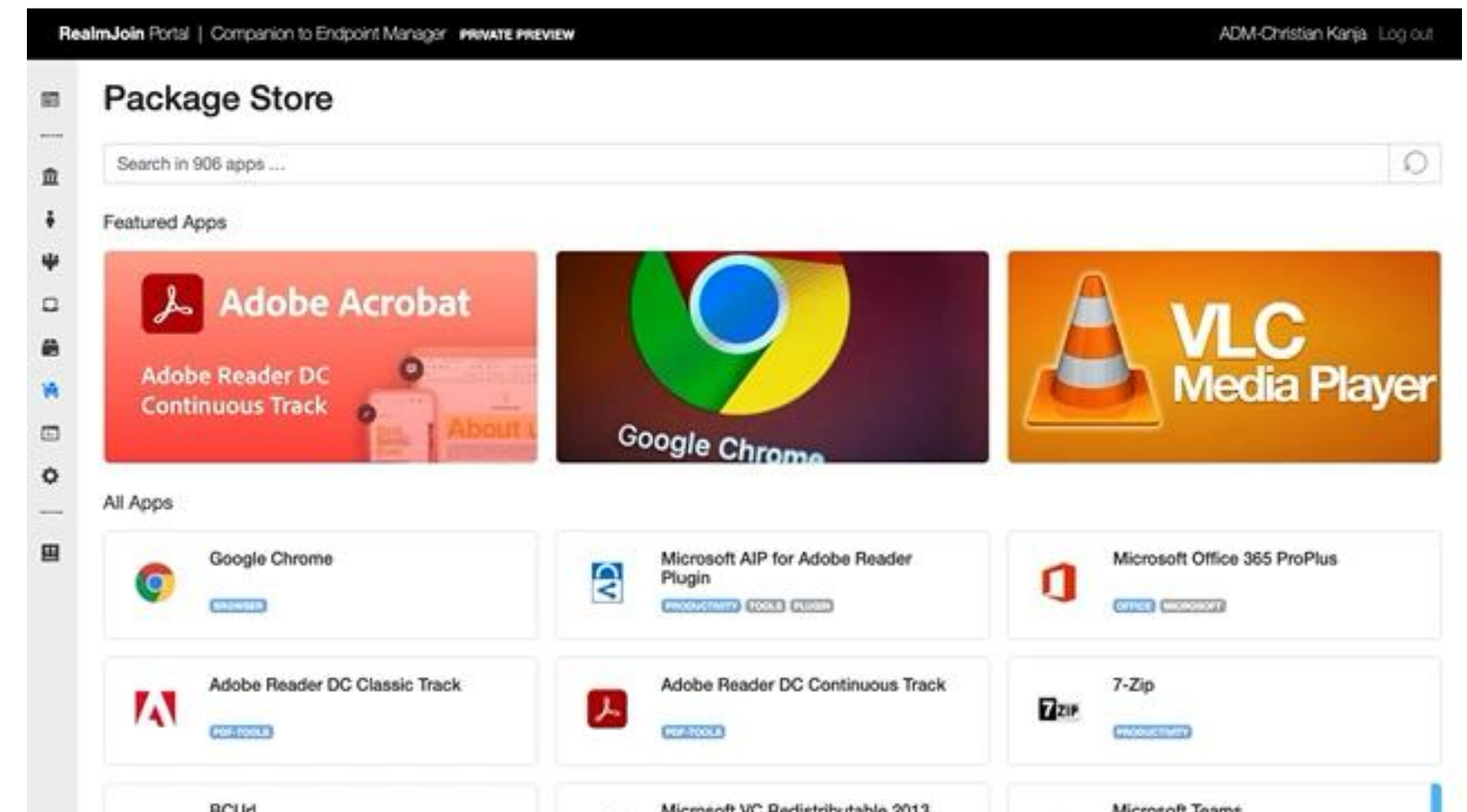
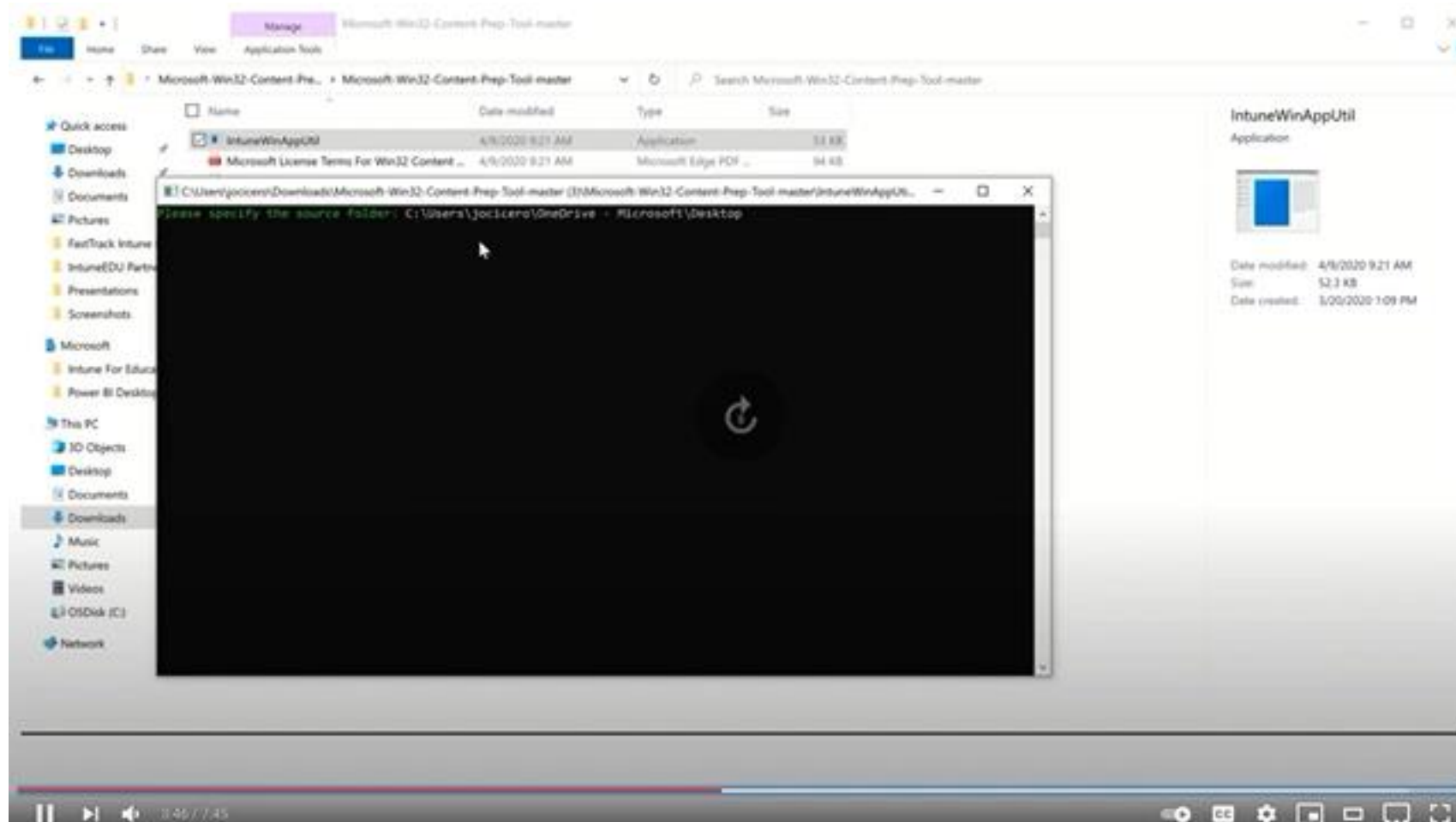
The right sidebar provides build details: Duration: 46 seconds, Timeout: 1h (from project), Runner: #6 (a44d91ca) CS341, and Tags: chocolatey, rjpackage. It also shows job artifacts, a commit hash (631dfebc) for v88.0.1, and a dropdown menu for Pipeline #54490 for master, currently set to "build".



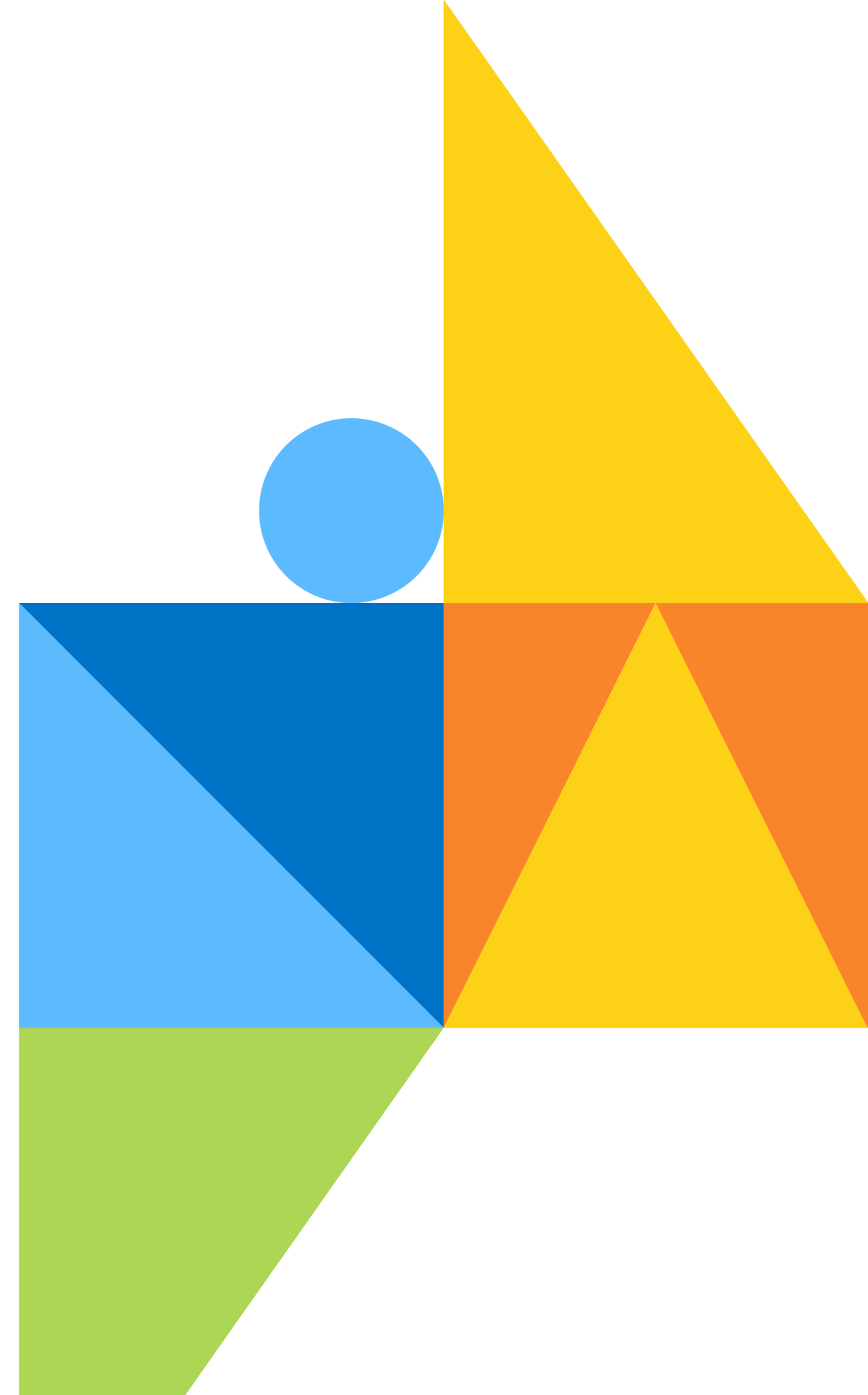
Application Management

Enterprise customers usually have over 1.000 widely used applications deployed. These applications need packaging, versioning, superseding, usage monitoring but above all **deterministic declaration and assigning**.

MAKE EVERYDAY LIFE SIMPLER



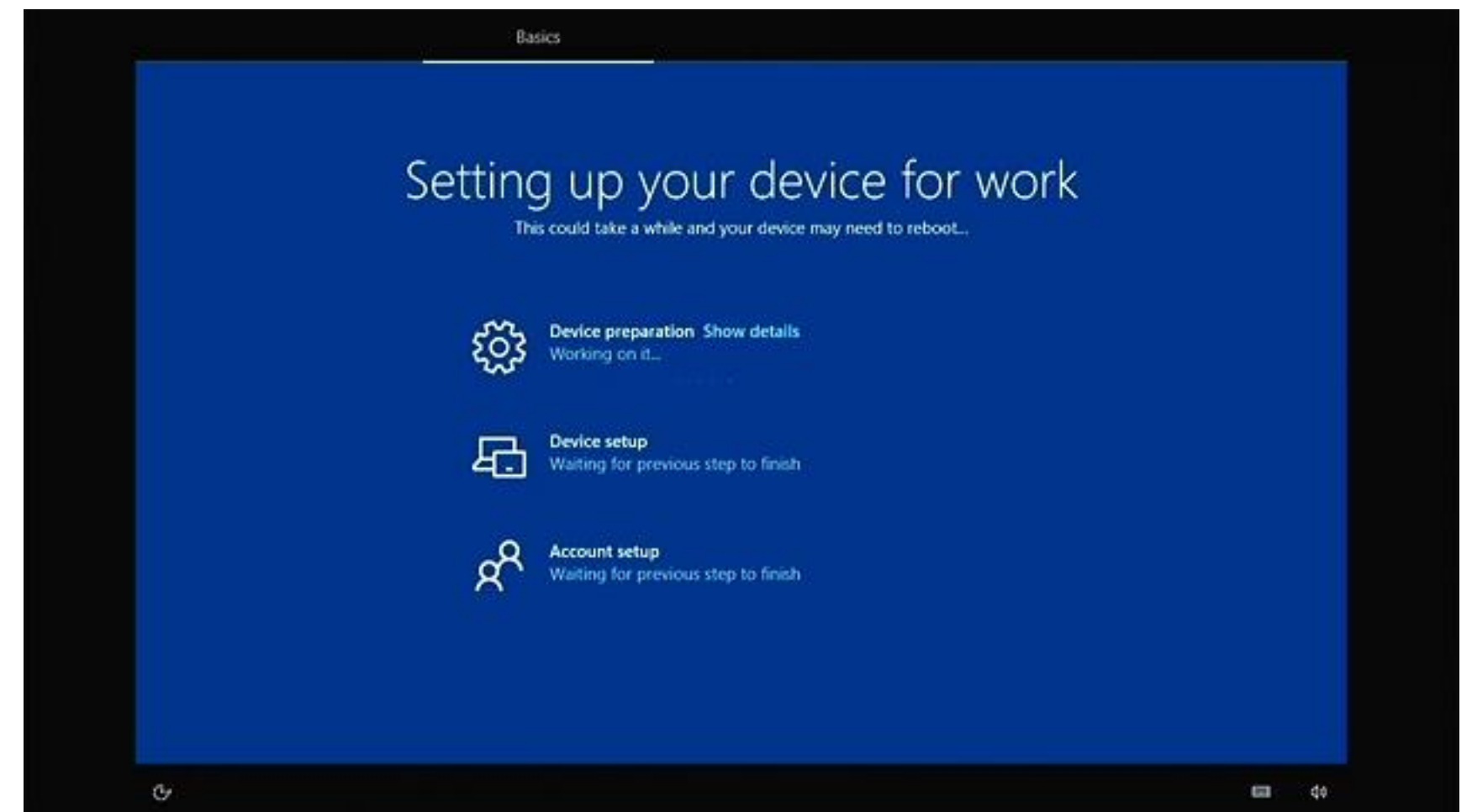
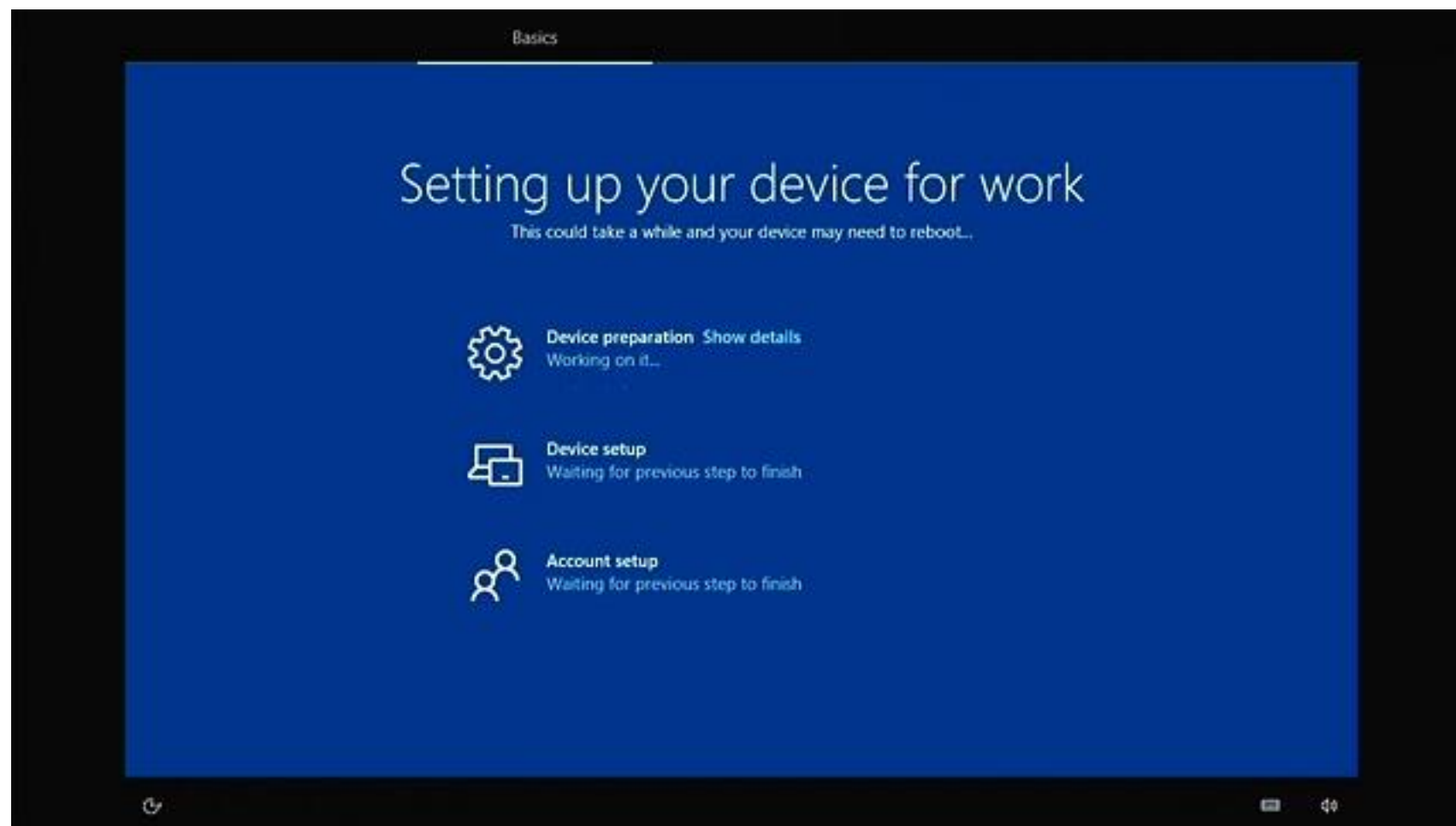
RealmJoin Manage





Enhanced Autopilot ESP

Native Intune Autopilot ESP is getting better every month. But experience from large scale deployments shows a relatively high support volume due to unclear terminations and incomplete installations. RealmJoin extends the native ESP with **detailed status information and advanced problem handling and logging.**





Supporter Insights and Runbook Management

RealmJoin vNext offers an advanced management and automation platform for command support tasks. Extensible, native **Azure Runbooks** within the corporate tenant are available to support agents to automate, standardize, access control deterministic actions with full in-tenant audit.

In addition, several additional metadata is available within RealmJoin vNext, i.e., **Hardware Warranty Data.**

MAKE EVERYDAY LIFE SIMPLER

The screenshot shows the RealmJoin Portal interface. On the left, a user profile for André Mieth is displayed with details such as email (andre.mieth@glueckkanja-gab.com), phone numbers, and company information. The main area shows a list of runbooks under the 'Runbooks' tab. The runbooks listed are:

- Add Additional Alias**: State: Published, Type: PowerShell, Created: 2 months ago, Last Modified: one month ago.
- Assign License**: State: Published, Type: PowerShell, Created: one month ago, Last Modified: one month ago.
- Set Out Of Office**: State: Published, Type: PowerShell, Created: 5 months ago, Last Modified: 5 months ago.
- Unassign License**: State: Published, Type: PowerShell, Created: one month ago, Last Modified: one month ago.
- Reset Mfa**: State: Published, Type: PowerShell, Created: 5 months ago, Last Modified: 5 months ago.

Each runbook entry includes a 'New Run' button and a table with columns for ID, Started, Duration, and Status. The interface also includes a navigation menu on the left and a top navigation bar with options like Overview, Runbooks, Changelog, Sign-Ins, RealmJoin, and AzureAD.

LAPS (LOCAL ADMINISTRATION PASSWORD SOLUTION)

Cloud Deployed Windows 10 Workplaces do not offer a **delegated permission model** for local administration rights of support agents. In theory, there should be no need for local administration rights and these rights should not be given to anyone. But in practice it's a common need and the typical practice is to give a fleet of (remote) support agents local admin rights to all devices. Not enough, all these support agent accounts have to be fully licensed.

With Azure AD Premium, you can choose which users are granted local administrator rights to the device. Global Administrators and the device owner are granted local administrator rights by default.

Additional local administrators on Azure AD joined devices ⓘ

Selected **None**

Selected

No member selected

USER NOTIFICATION AND ALERTING

Especially in case of service limitations/outages or for other important notifications it may help to provide users direct and prominent notifications with zero delay. RealmJoin provides this with full support of multi languages, alert types and AzureAD grouped audience.

The screenshot shows the RealmJoin notification configuration interface. The top bar includes 'RealmJoin' and 'Portal' tabs. The main section is titled 'Notification' and contains several fields: 'Category' (Alert), 'Start' (2020-02-28, 09:42, +00:00), 'End' (2020-01-28, 16:42, +00:00), 'Target' (sec - all employees), and 'Ignore' (sec - all developers). The 'Content' section includes a '+ Add Translation' button, a 'Language (IETF language tag)' dropdown (de), a 'Title' field (SAP access limited), and a 'Body' field with the text: 'The SAP team has reported that there is a widespread failure of backend systems in the EMEA region. Please do not call help desk regarding this issue. The services should be back online in a reasonable time.' A green 'Save' button is at the bottom right, and the status 'Draft' is at the bottom left.

Mail Service Disruption in EMEA X

Microsoft has reported that there is a widespread failure of the mail services in the EMEA region. Please do not call help desk regarding this issue. The services should be back online in a reasonable time.

realmjoin.com