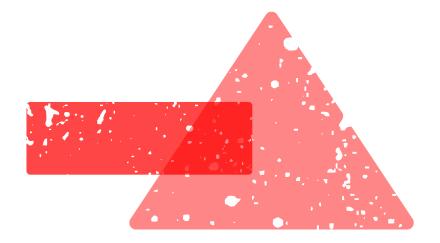
TRACK 2 expert

Connect your DMS to the cloud

Baptiste Pattyn



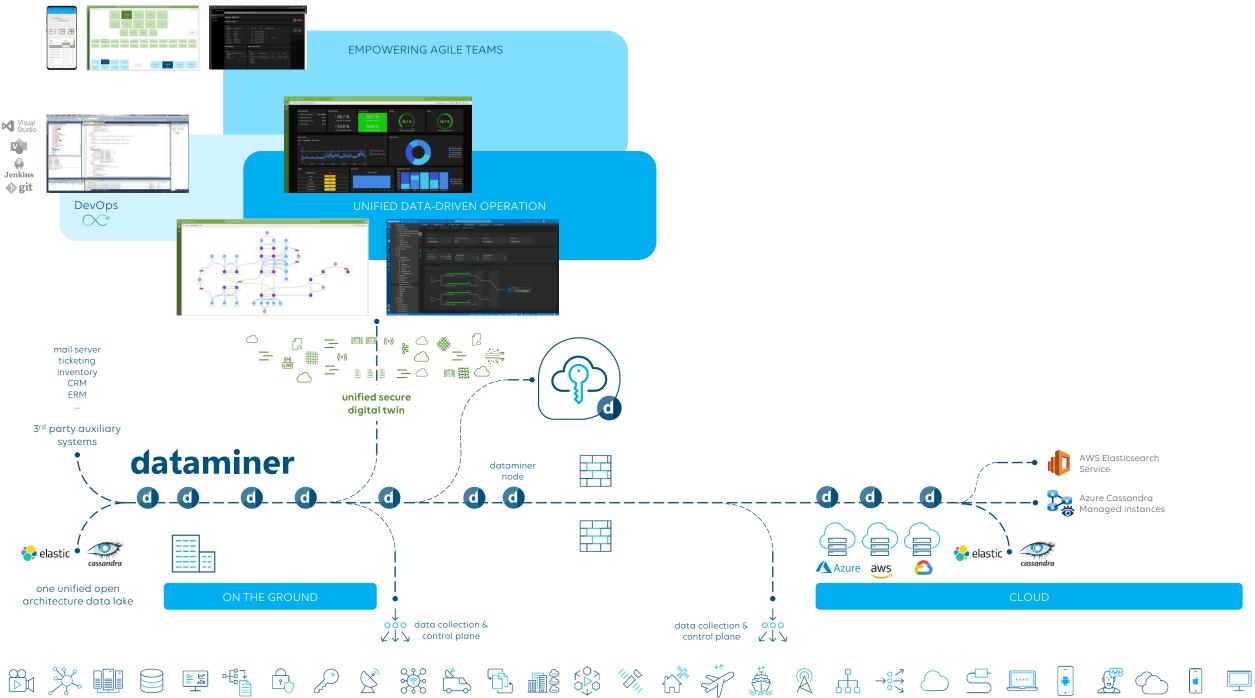


Workshop overview

- What is the **DataMiner Cloud Platform**?
- What can you find on **DataMiner Community**?
- What is the Cloud Connection?
- How do you **connect a system** to the cloud? (demo)
- How do you link your accounts? (hands-on)
- What can you do in the Admin App? (demo)
- How do you deploy a connector through the Catalog? (hands-on)
- How to share a Dashboard? (hands-on)
- What can the ChatOps service be used for? (demo)
- What can you expect in the future for the DataMiner Cloud Platform services?

DataMiner Cloud Platform

Introduction into the different services















































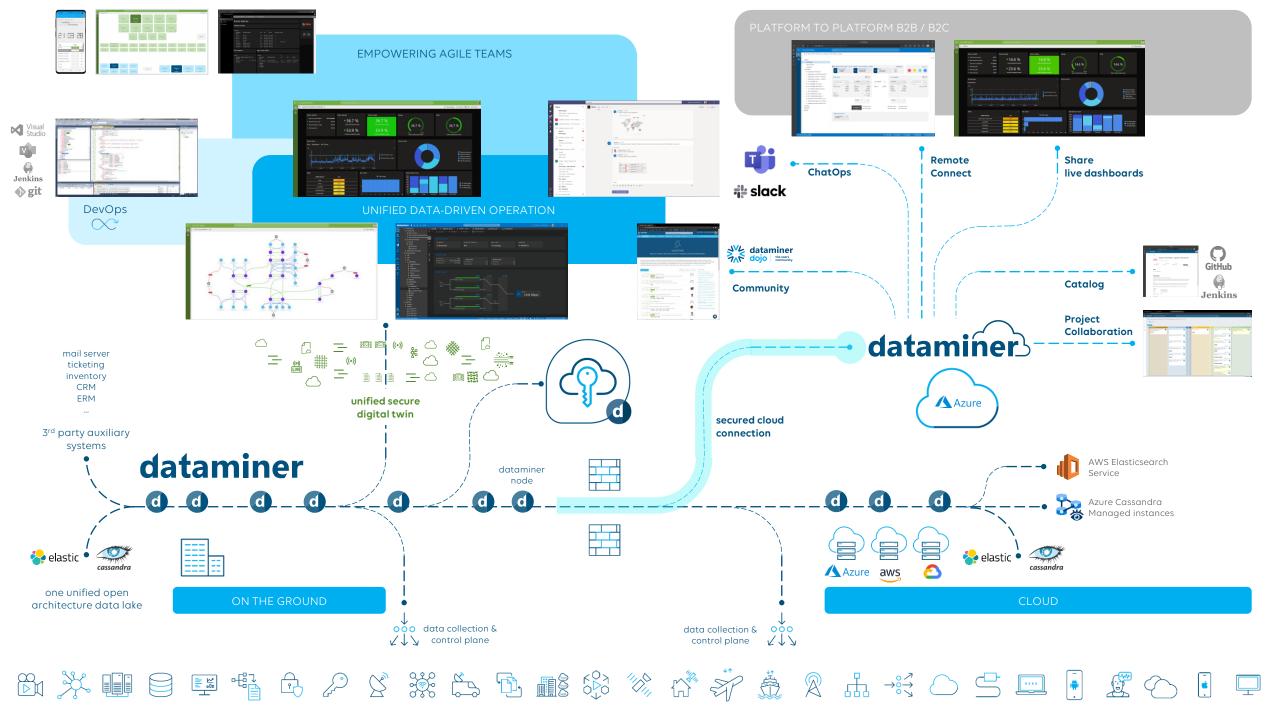






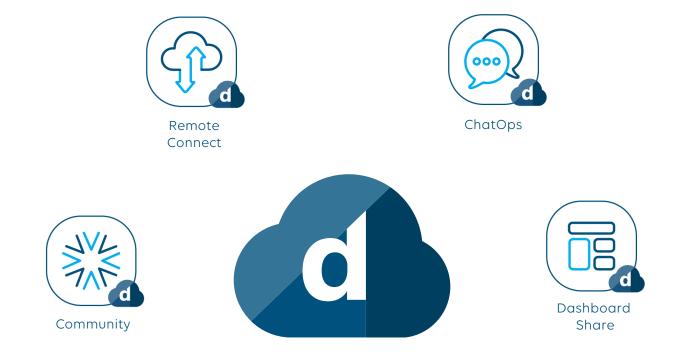






DataMiner Cloud Platform (DCP)

Service overview







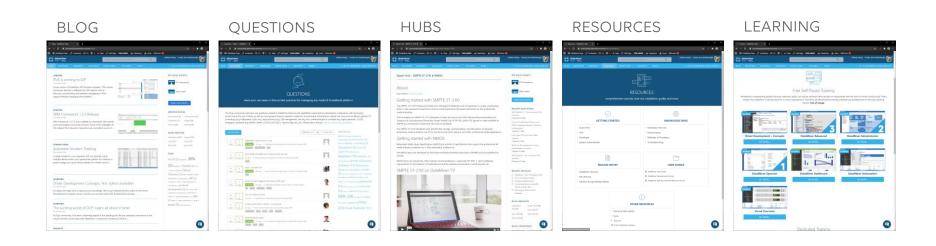
DataMiner Community

community.dataminer.services

DataMiner Community

Overview

- Open community sharing knowledge & expertise
- Already 2500+ members
- Comprehensive new training materials
- Certification Program
- System Architecture & Scaling
- Use Cases
- ..

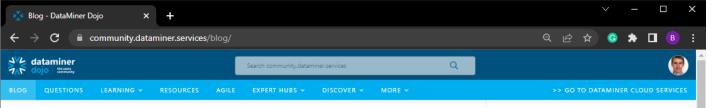


DataMiner Community

Login

- https://community.dataminer.services
- Login with corporate email
 - MS
 - LinkedIn
 - Google
 - Amazon
- Fill in email on the form
 - aka.dataminer.services/InspireCloud





DATAMINER INTEGRATIONS / GENERAL

Interesting Integrations: 3 brand-new DataMiner Connectors

A closer look at 3 brand-new upcoming DataMiner connectors the DataMiner dev teams are currently working: Akamai CDN, Huawei OceanStor 5000 series, NetInsight Nimbra



GENERAL

Skyline Communications and Lutech Spa to roll out SDN-controlled media network for Rai Way

At the outcome of the related public tender, Rai Way, the leading Italian network infrastructure and services operator, has selected Lutech Spa and its partner Skyline Communications for the rollout ...



EVENTS

5 reasons why you should come to DataMiner Inspire

The biggest tech festival for and by DataMiner enthusiasts is back. And how! But why should you be interested to head down to picturesque Belgium? Let's find out!



DATAMINER INTEGRATIONS / UPDATES

Connect your VMware Avi Vantage Controller to DataMiner

The Avi Vantage platform helps ensure a fast, scalable, and secure application experience. Let's take a closer look at the VMware Avi Vantage Controller connector ...



FOMO DOJO

DataMiner Dojo update – June 2022





MY DOJO POINTS





SPEND YOUR CREDITS

BLOG CATEGORIES

Amusement (6) Coming Soon (26)

DataMiner (4)

Integrations (4)

FOMO DOJO (11)

Events (24) General (44)

Insights (42) Learning (63) Solutions (7)

Tips & Tricks (1) Updates (113)

Use cases (5) Webinars (8)

RECENT BLOGS

Interesting Integrations: 3 brand-new DataMiner Connectors 13th June

Skyline Communications and Lutech Spa to roll out SDN-controlled media network for Rai Way 9th June 2022

5 reasons why you should come to DataMiner Inspire 8th June 2022

BLOG TAG CLOUD

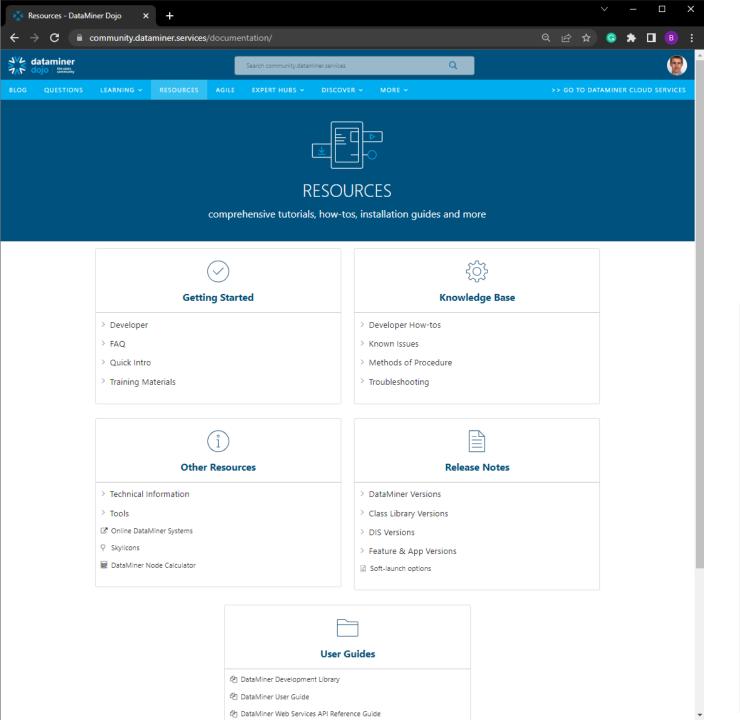
Agile (26) Agile Project

management (3) Automation (10)

Blog

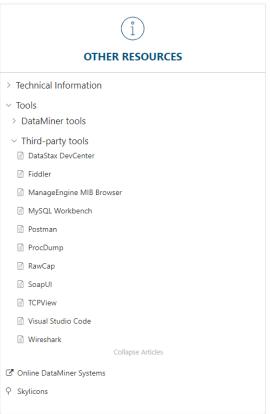
- Keep yourself up to date
- Continuous updates across relevant topics
- Communicating generously and transparently
- Categories
 - Coming Soon
 - Insights
 - Industry Updates
 - Product Updates
 - DataMiner
 - Learning
 - Amusement

dataminer

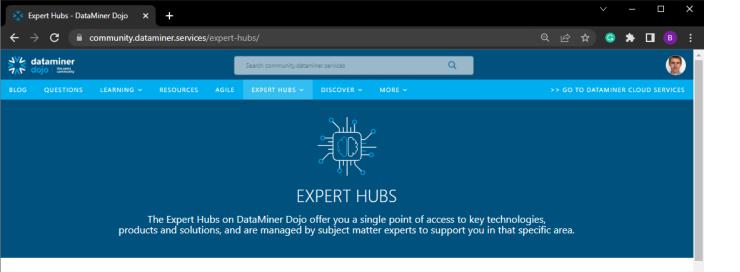


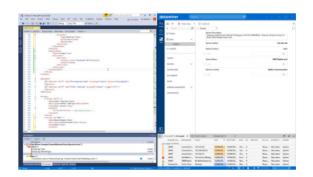
Resources

- All formal documentation in one place
- Continuously updated and expanded
- Covering a broad range of topics



dataminer





DataMiner Integration Studio

DataMiner Integration Studio (DIS) is the Integrated Development Environment (IDE) for data integration engineers to develop, test and deploy new product integrations for the DataMiner platform.

GO TO THE HUB

DataMiner Service & Resource Management

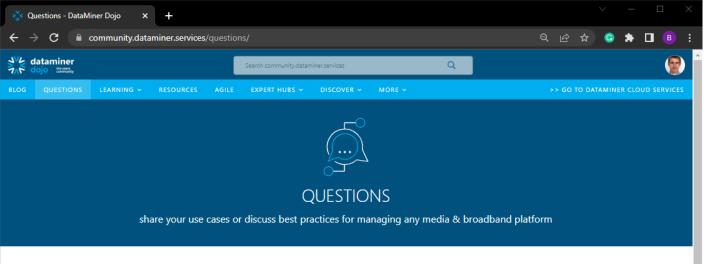
DataMiner Service & Resource Manager (SRM) is the DataMiner solution framework to design sophisticated end-to-end orchestration solutions.

GO TO THE HU

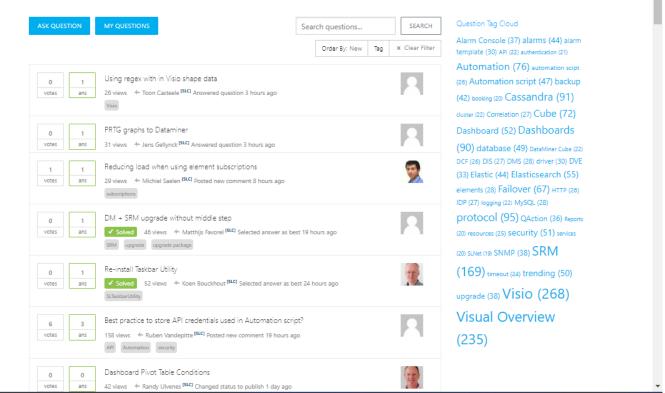


Expert Hubs

- DataMiner technology architecture, Integration Studio, Visual Overview, Automation / SRM
- Hot industry technology topics security, SMPTE-2110 & NMOS, CI/CD, DOCSIS 3.1, DAA, PTP, CIN, Agile
- Business topics key requirements, ROI, etc.

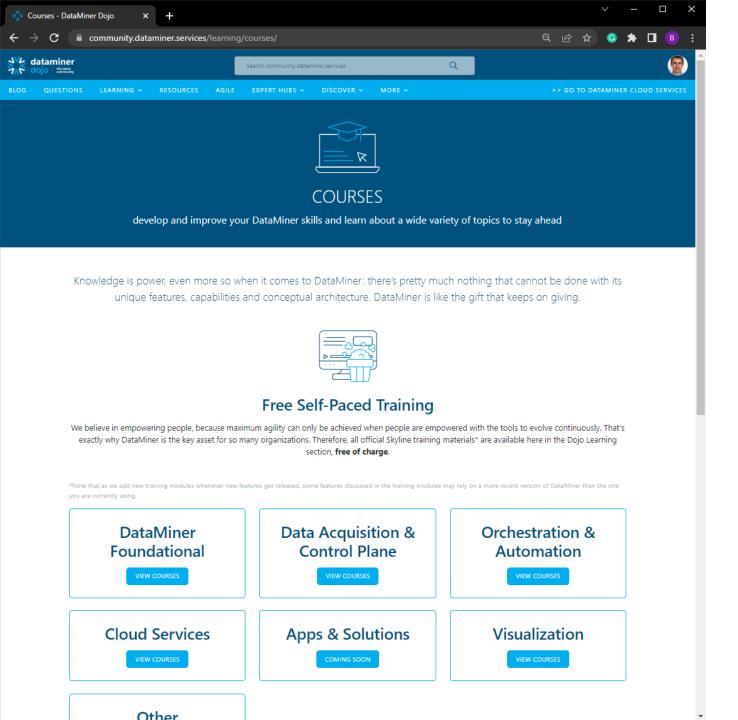


The Dojo community welcomes any questions related to DataMiner features and capabilities (users/admins/developers), integrations with third-party products and the use of those, as well as more general industry questions related to monitoring & orchestration, typical use cases and workflows, general ICT technology (e.g. Kubernetes, LLDP, etc.), best practices (e.g. CIN management, security, etc.), methodologies & concepts (e.g. Agile operation, CI/CD), strategies, standards (e.g. NMOS, SNMP, ST2110, DOCSIS3.1, OpenConfig, etc.), etc. If you have a suggestion for a new feature, you can add it here. Also, please take a minute to read our community guidelines.



Questions

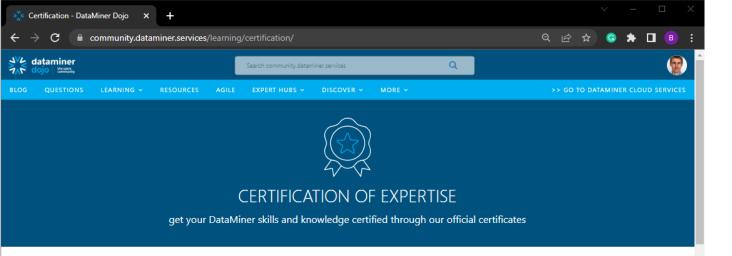
- Share knowledge & expertise on the fly
- Get the right information straight from the experts
- Used by the entire Skyline community
- Interact with the entire global community



Learning

- With the proper knowledge, DataMiner is the gift that keeps on giving
- Training is made available free of charge via DataMiner Dojo
- Learn at your own pace, and focus on the subjects that matter most
- Various new in-depth expert modules
 Dashboards, Visual Overview, Automation, Service &
 Resource Management, connector development, etc.
- Incremental Quick Update training sessions

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The DataMiner Certification Program offers a broad range of certification services that enable people in all types of roles, ranging from entry-level to advanced knowledge, to get the maximum out of a DataMiner System.

Acquiring this type of certificate requires the individual to pass the associated certification program, which typically consists of a series of hands-on exercises, verbal and written examinations, and a thorough final evaluation.

DATAMINER FOUNDATIONAL

From using DataMiner for day-to-day operations to setting up and maintaining DataMiner Systems, the DataMiner Foundational certification programs will make you a DataMiner Operator and Administrator expert and give you the foundation you need to follow more specialized certification programs.

DataMiner Operator

This certification is intended for **DataMiner Operator Experts** who handle **day-to-day operations** in the DataMiner software.

more info

DataMiner Administrator

Intended for DataMiner users who **set up and maintain DataMiner Systems**, including adding new devices and new drivers, managing user accounts, setting up backup policies, creating Visual Overview pages, defining alarm thresholds, and much more.

more info

DATAMINER DESIGNER

Learn to visualize your data and operate your system in a more graphical way with Visual Overview and the Dashboards module, and become a DataMiner Designer expert with these certification programs.

DATAMINER DEVELOPER

COMING SOON

Learn how to create integrations with any type of data source from any vendor, whether it is an industry-standard interface or a proprietary interface. Interaction with other DataMiner

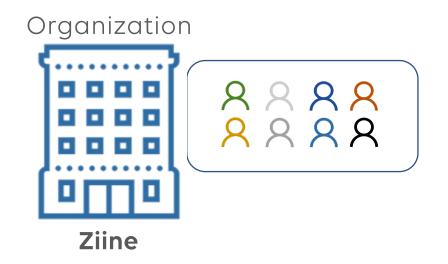
Certification

- Knowledge is power, and essential to get the maximum out of your DataMiner System
- Enable continuous evolution and innovation
 & establish an agile operation
- High-end one-on-one professional certification
- Optional paid service

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Technical aspects of the connection to the DCP

Organization and DataMiner System in the Cloud



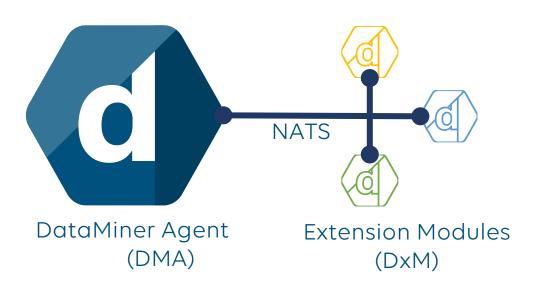


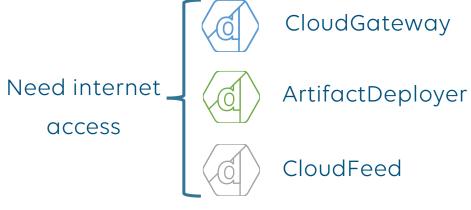




Extension Modules

- Requires at least 10.2
- Small extra processes
- On the fly updates
- Extra functionality
- https://community.dataminer.services/downloads/



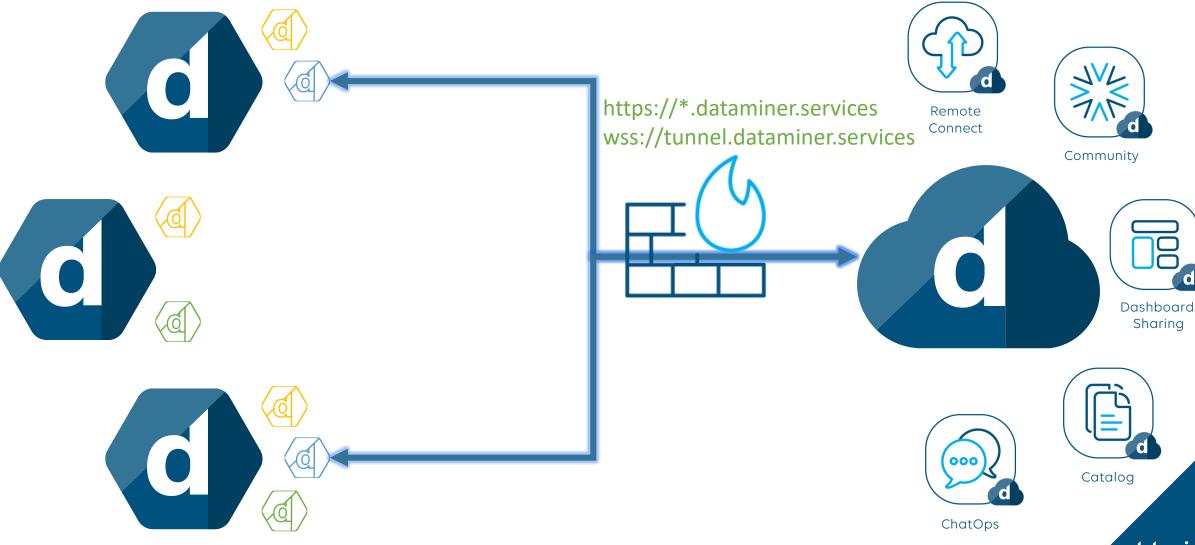






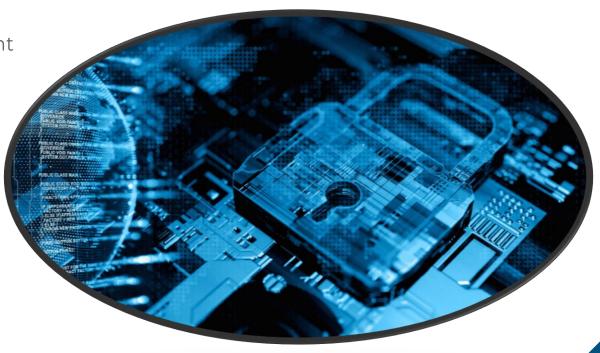


Cluster Architecture



Security

- Top priority
- Security by design
 - Linking between DataMiner account and DCP account
 - Authentication (B2C) and Authorization on all calls
 - WAF
- Security by tech
 - Data encryption
 - Integration with Azure B2C
 - Data backup strategy
 - Use of secure managed services in Azure



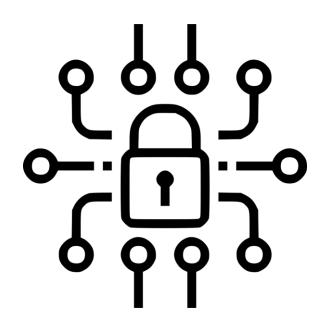
User roles and security - Organization

- Owner:
 - All permissions
- Admin:
 - Remove systems
 - Create, update and delete users
- Member:
 - Add systems
 - View users



User roles and security – DataMiner System

- Owner:
 - Request DCP tokens
- Admin:
 - Create, update and delete users
 - Unlink accounts
 - Manage system configuration
- Member:
 - Create shares
 - View system configuration



How to connect to the DCP

Getting the system connected

Account Linking

Unified security between DCP and DataMiner

Account Linking

Overview

- Prove DataMiner Identity
- Allows actions from the DCP
 - Create and update shares
 - Bot commands
 - Remote Access auto login







Account Linking

Hands-on

- Go to https://dataminer.services
- Select correct organization: "Inspire"
- Find Cloud Connected DataMiner system: "redroom"
- Login on the DataMiner agent
- Confirm account linking

Install DataMiner Cube 🗸









Catalog



Sharing



Community



DCP Admin



More apps will follow

DataMiner Systems

redroom

https://redroom-inspire.on.dataminer.services/



Home



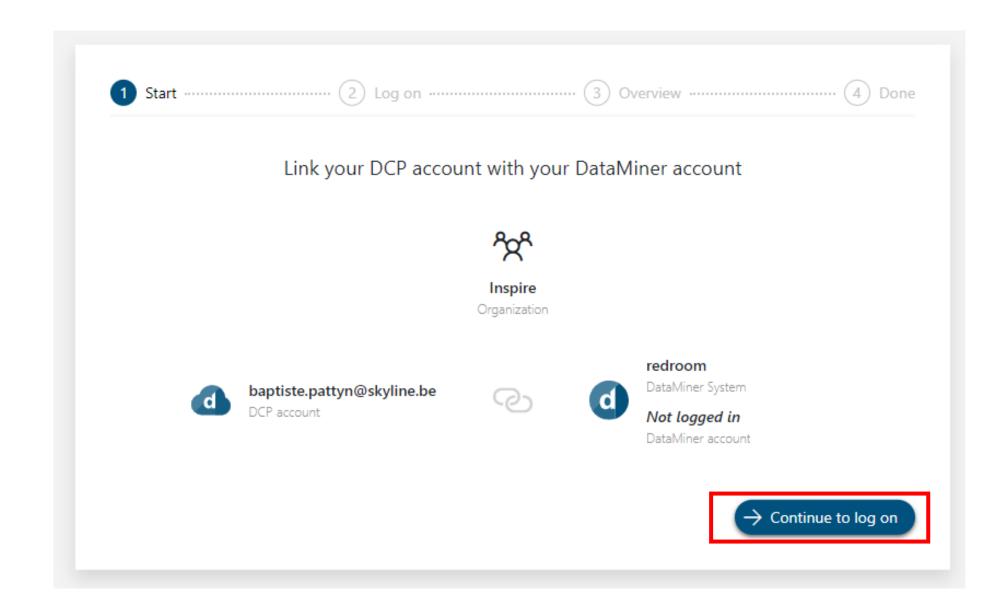
Monitoring

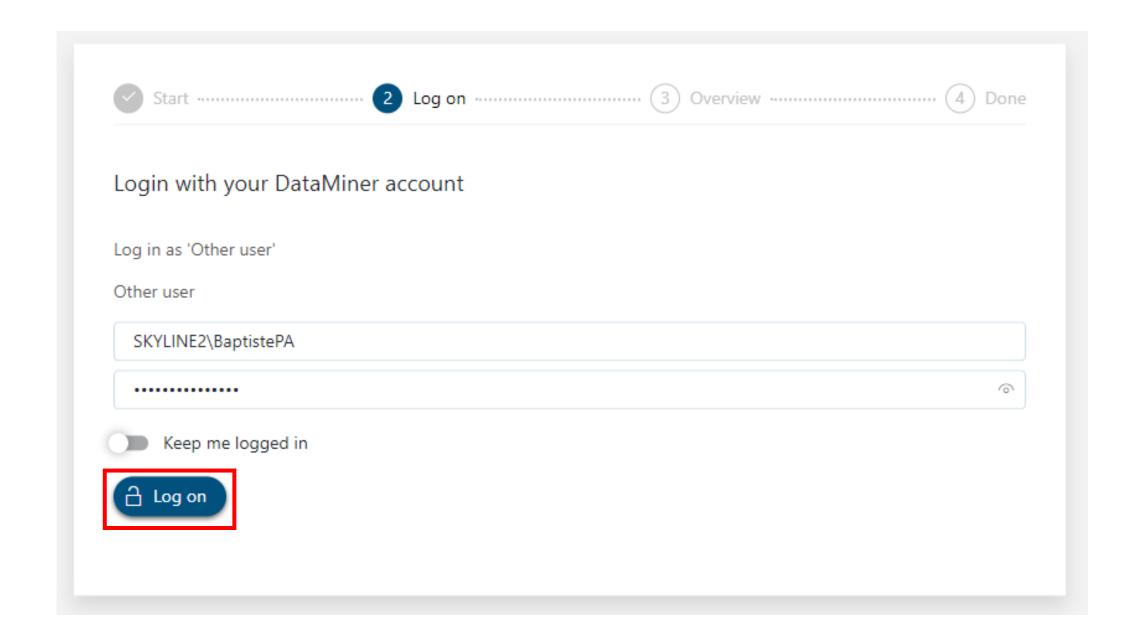


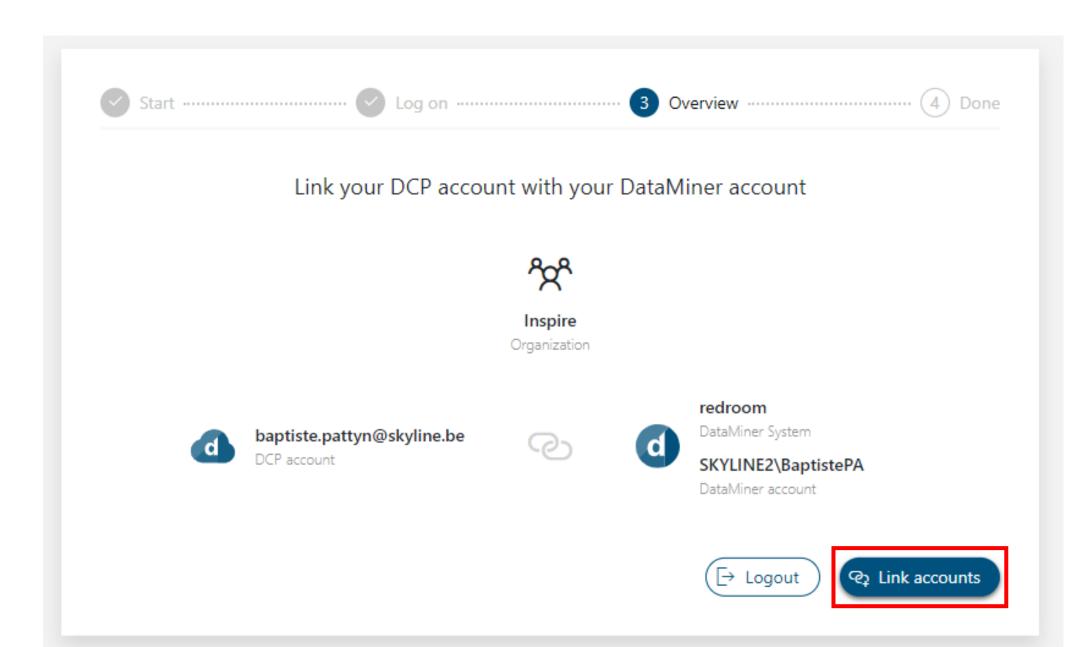
DCP Admin

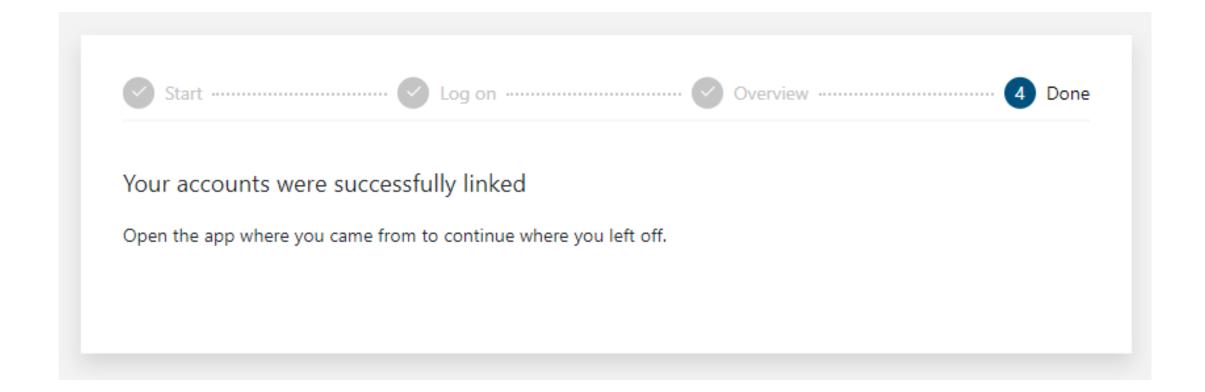


dataminer



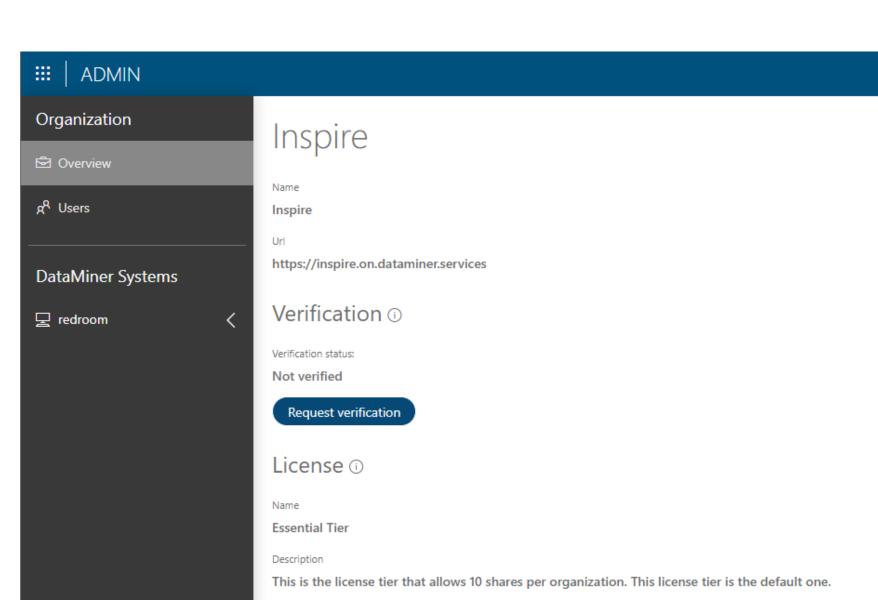






Admin App

Manage your Cloud Connected systems

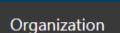


Concurrent shares ①

0/10

Inspire

A=



ADMIN

Overview

g^R Users

DataMiner Systems

🖳 redroom



Name

Inspire

https://inspire.on.dataminer.services

Verification ①

Verification status:

Not verified

Request verification

License ①

Name

Essential Tier

Description

This is the license tier that allows 10 sha

Concurrent shares ①

0/10

Change organization

Cisco

https://cisco.on.dataminer.services

Inspire

https://inspire.on.dataminer.services

Kronos

https://kronos.on.dataminer.services

Skyline Communications

https://skyline.on.dataminer.services

Skyline Communications Development

https://skylinedevelopment.on.dataminer.services

Ziine

https://ziine.on.dataminer.services

DataMiner Systems

☐ redroom

g^R Users



Name

Inspire

Url

https://inspire.on.dataminer.services

Verification ①

Verification status:

Not verified

Request verification

License ①

Name

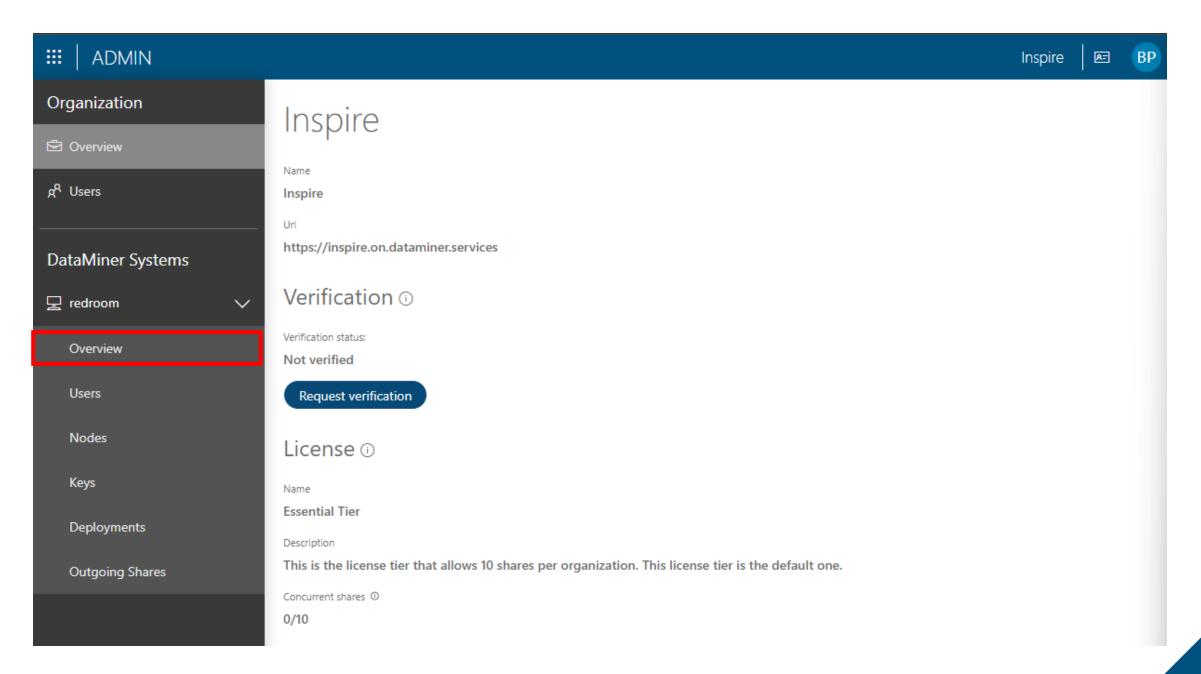
Essential Tier

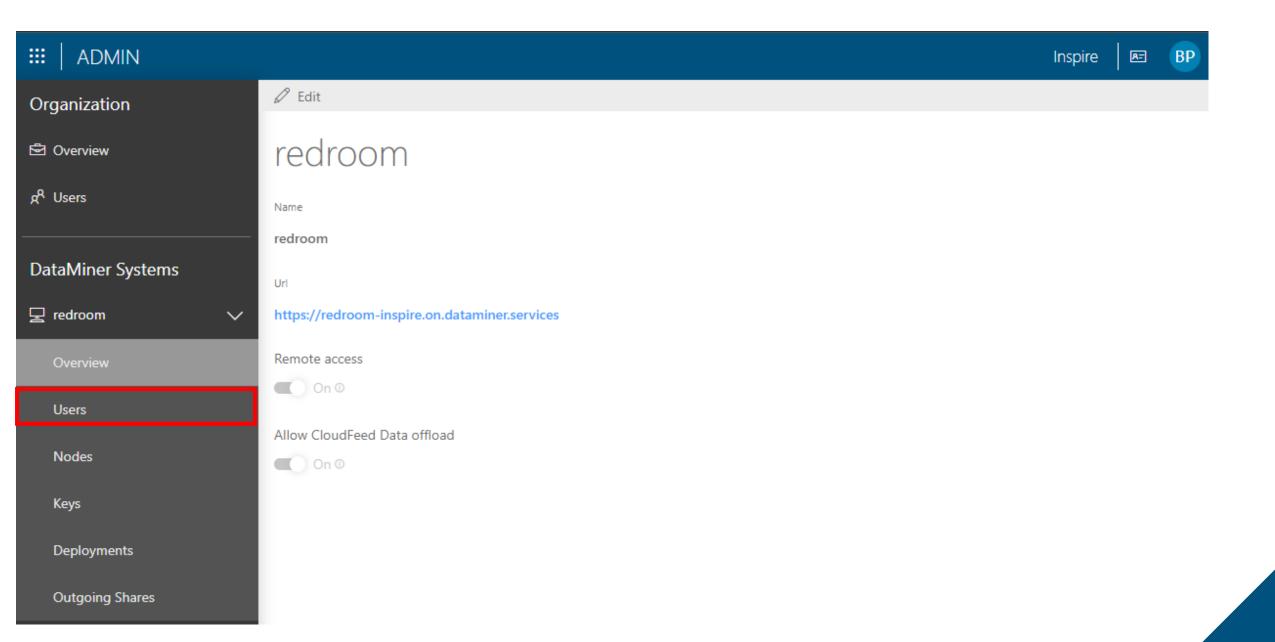
Description

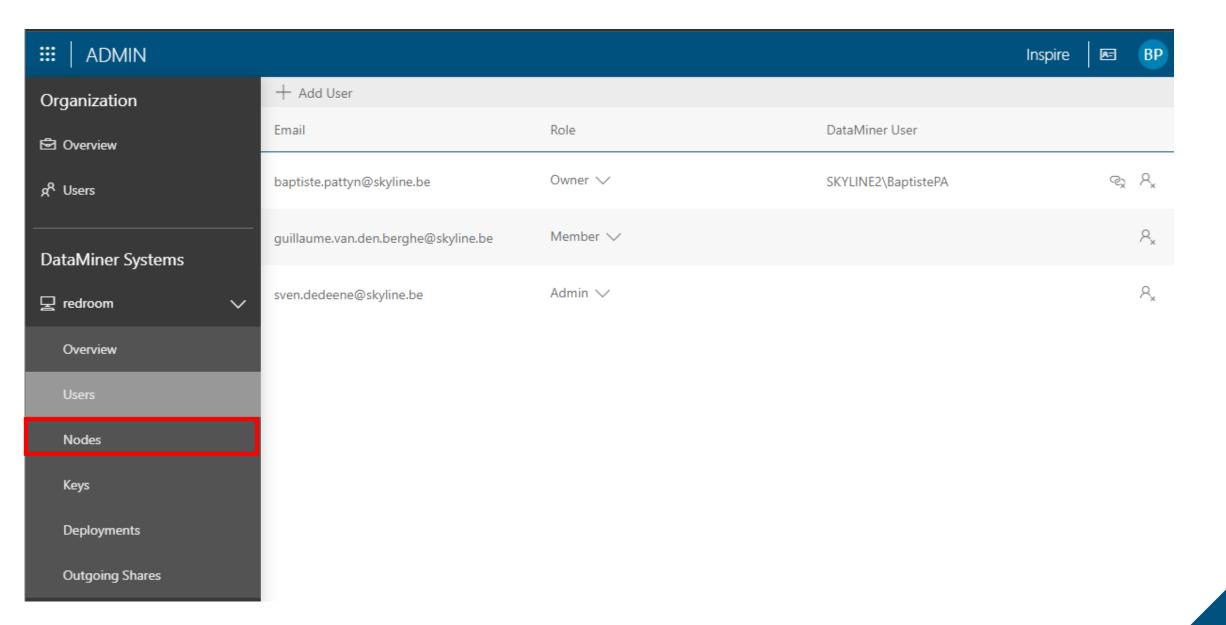
This is the license tier that allows 10 shares per organization. This license tier is the default one.

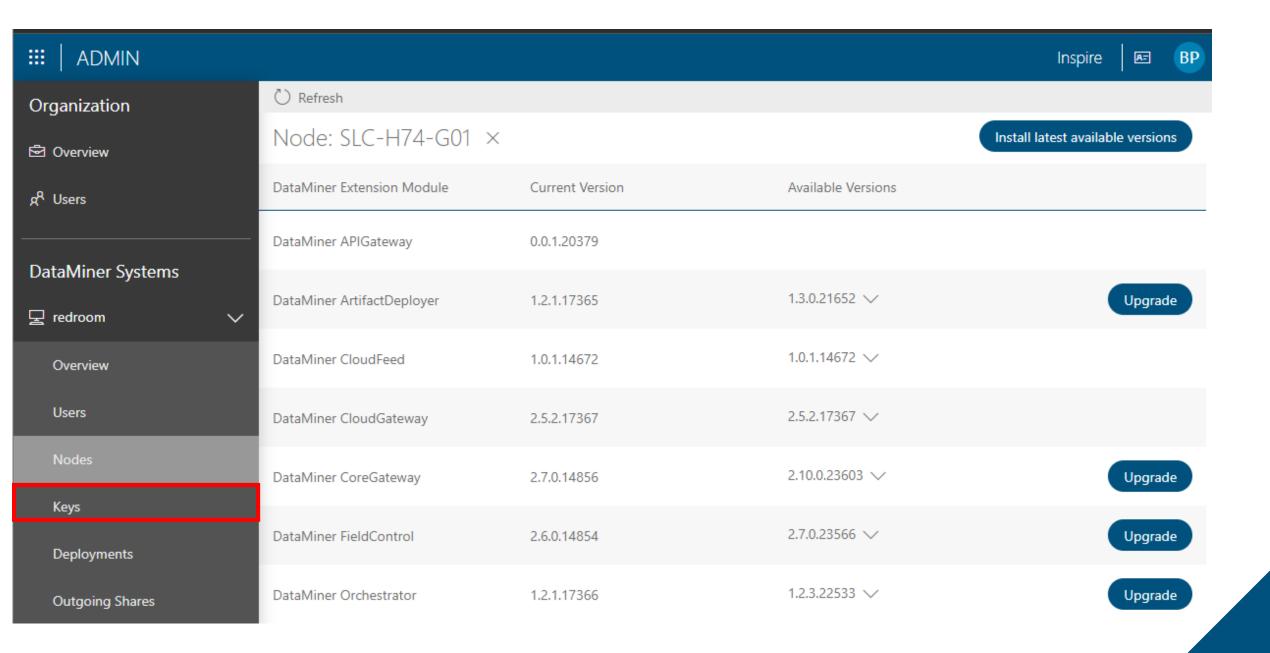
Concurrent shares ①

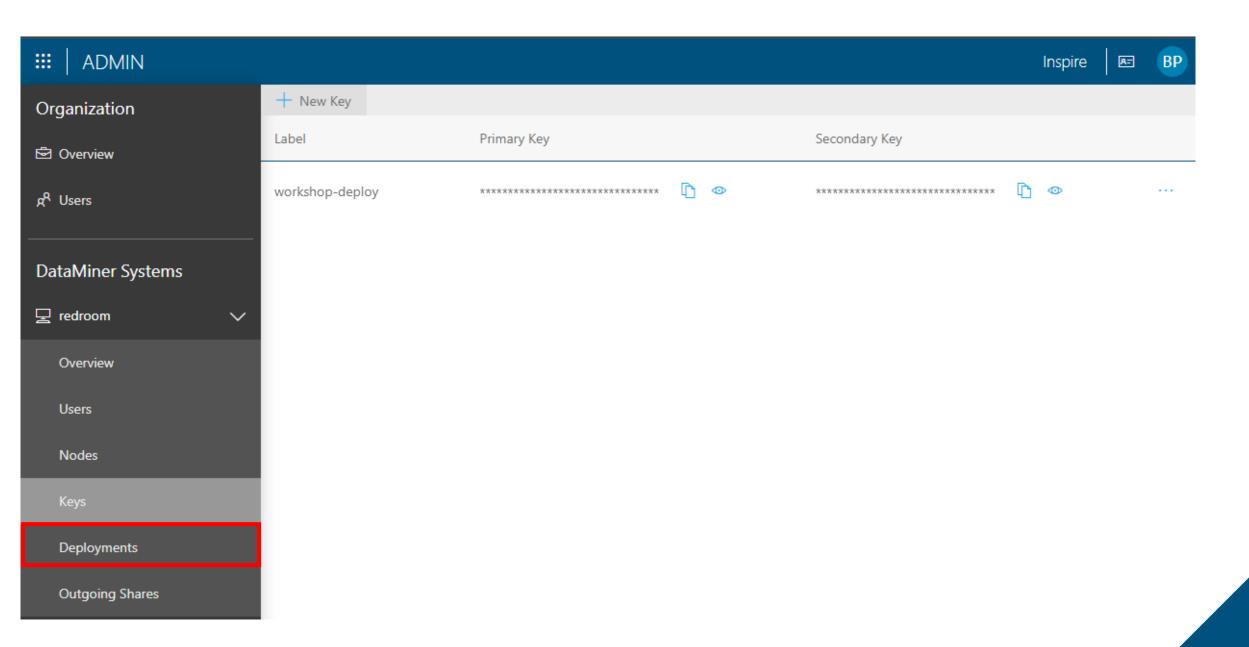
0/10

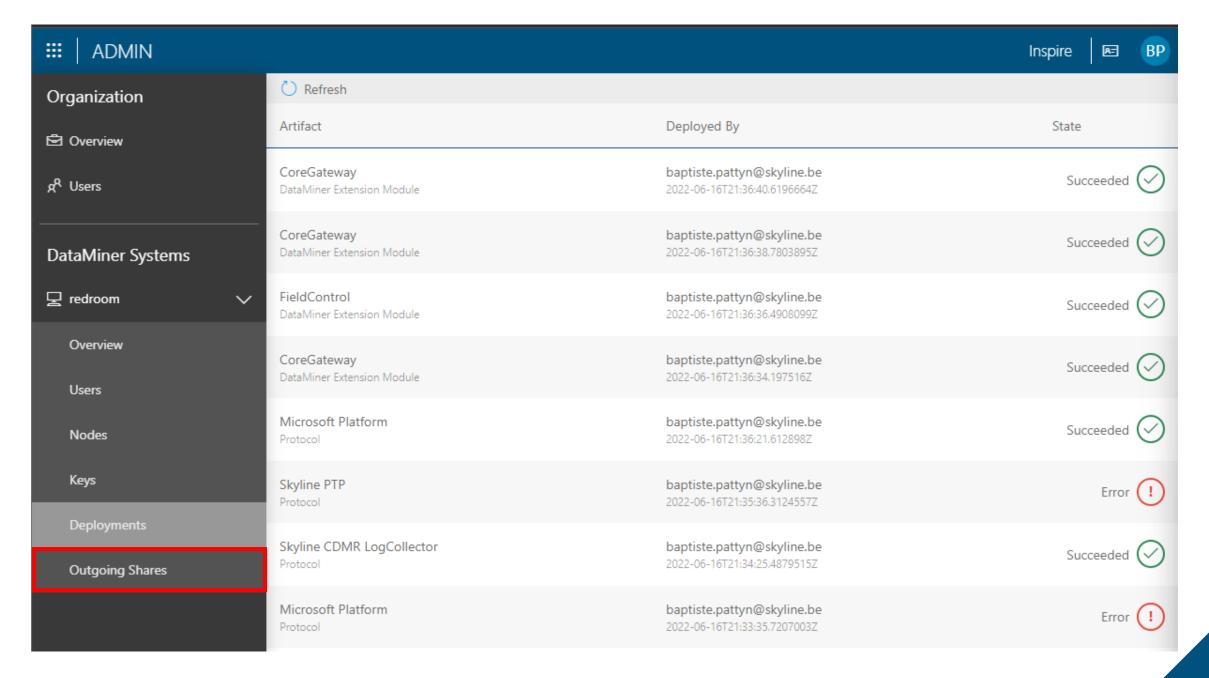


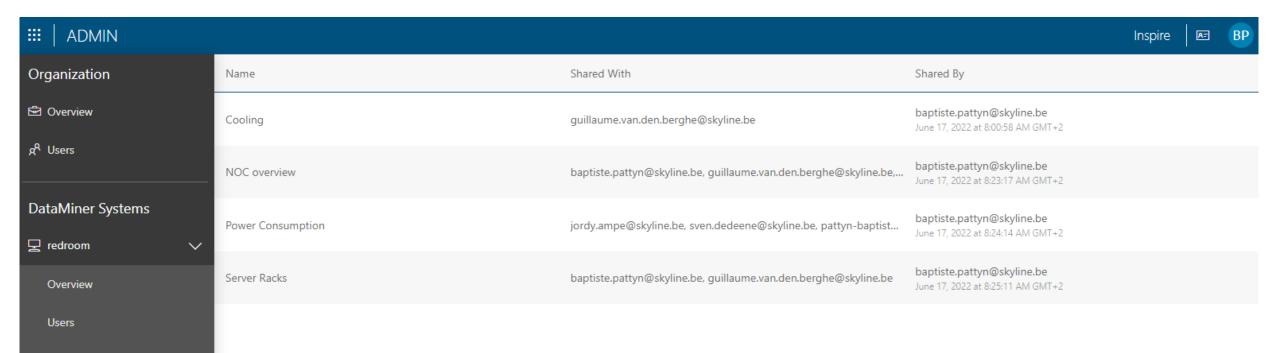












Nodes

Keys

Deployments

Catalog

Collection of all available connectors for DataMiner





datamiñer}

Harris NetVX Decoder

Driver - Decoder

AppearTV Decoder DDBB Driver - Decoder

AppearTV Decoder-Synchronizer

Generic Edge Decoder

Driver - Decoder

Harmonic RD9000 Decoder harmonic

Driver - Decoder

Aperi H264 Decoder APERI

Driver - Decoder

Aperi J2K Decoder

Driver - Decoder

Haivision Makito X Decoder Haivision

Driver - Decoder

Ateme Titan Edge - Decoder

Driver - Decoder

Nevion Virtuoso XS Decoder

Driver - Decoder

Kirnexus EDBoX 1000 decoder



nevion

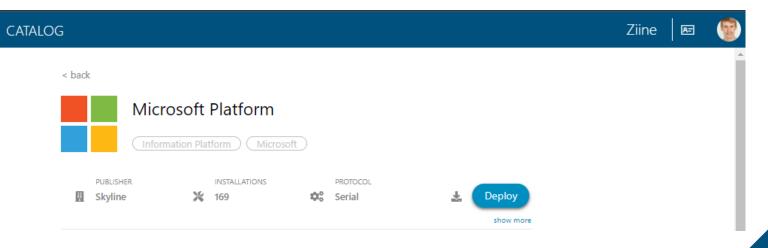
APERI

Driver - Decoder

Catalog

Deploy connectors to your Cloud Connected System

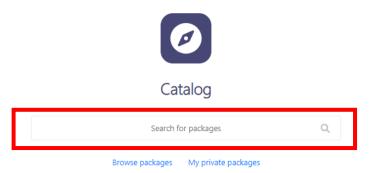
- Easily search and download 7000+ connectors
- Automatically deploy connectors to your Cloud Connected System

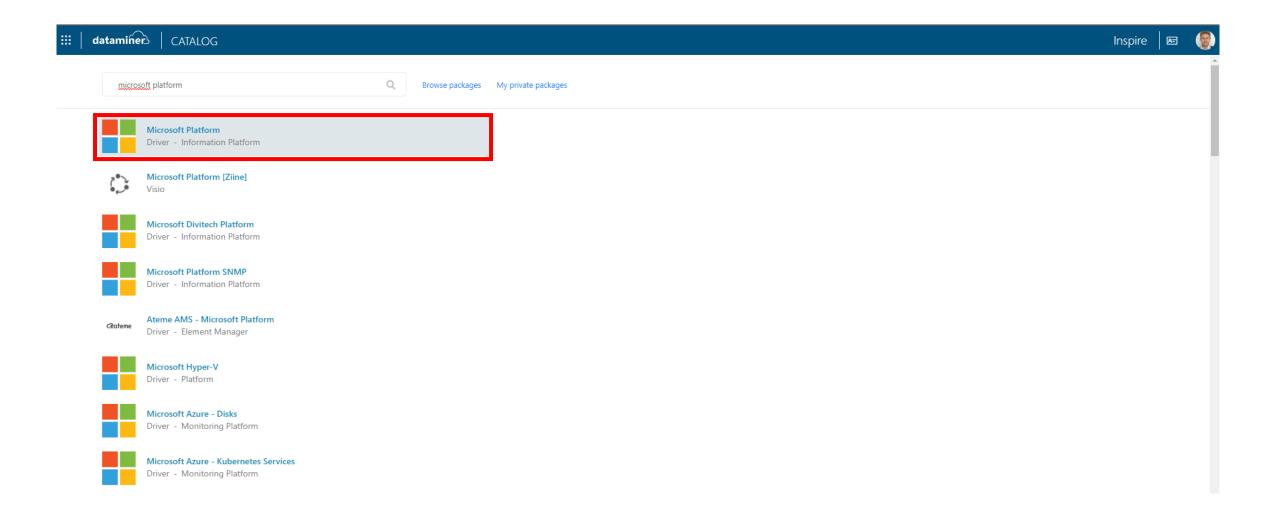


Deploy connector to system

Hands-on

- Go to https://catalog.dataminer.services
- Select a connector
- Click on "Deploy"
- Select the target DMS: "redroom"
- Deploy the connector









PUBLISHER INSTALLATIONS PROTOCOL Skyline **%** 169 🕸 Serial



5.0.0.2

New Version history

Add auto-deletion on Event log table.

Information Microsoft Platform

With the Microsoft Platform driver, it is possible to monitor a Microsoft server.

About

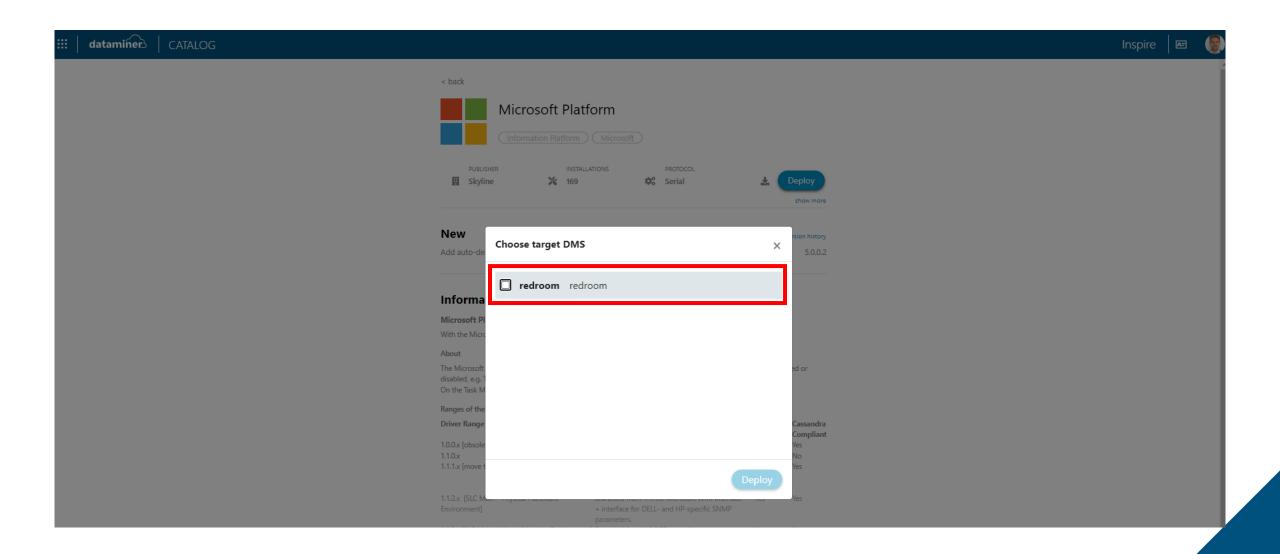
The Microsoft Platform driver retrieves basic information from a Microsoft server. Extra information can be enabled or disabled, e.g. Task Manager, Service List, etc.

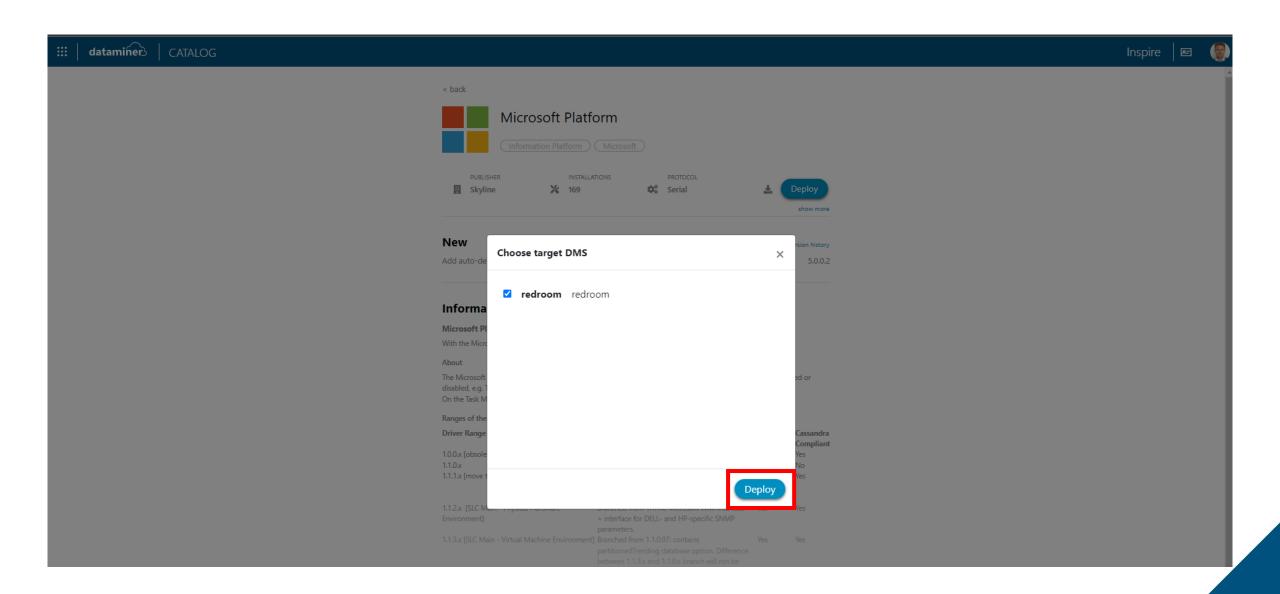
On the Task Manager page, a button allows you to normalize alarms in order to set the current values as normal.

Ranges of the driver

Driver Range	Description	DCF Integratio	Cassandra nCompliant
1.0.0.x [obsolete]	Microsoft WMI interface implementation.	Yes	Yes
1.1.0.x	Microsoft WMI interface implementation.	Yes	No
1.1.1.x [move to 1.1.2.x]	Branched from 1.1.0.89: Microsoft WMI interface + interface for DELL- and HP-specific SNMP parameters.	Yes	Yes
1.1.2.x [SLC Main - Physical Hardware Environment]	Branched from 1.1.1.x: Microsoft WMI interface + interface for DELL- and HP-specific SNMP parameters.	Yes	Yes
1.1.3.x [SLC Main - Virtual Machine Environment]	Branched from 1.1.0.97: contains partitioned Trending database option. Difference between 1.1.3.x and 1.1.0.x branch will not be noticeable on local Cassandra DB, only on local MySQL DB.	Yes	Yes
	show more		

show more





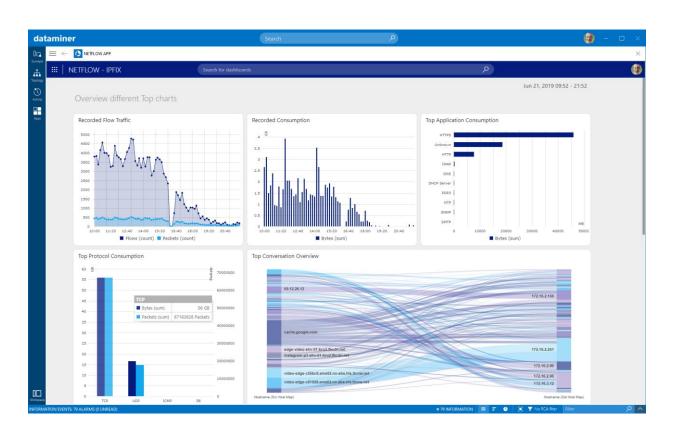
Live Sharing Service

Easily collaborate around custom dashboards

Live Sharing Service

Overview

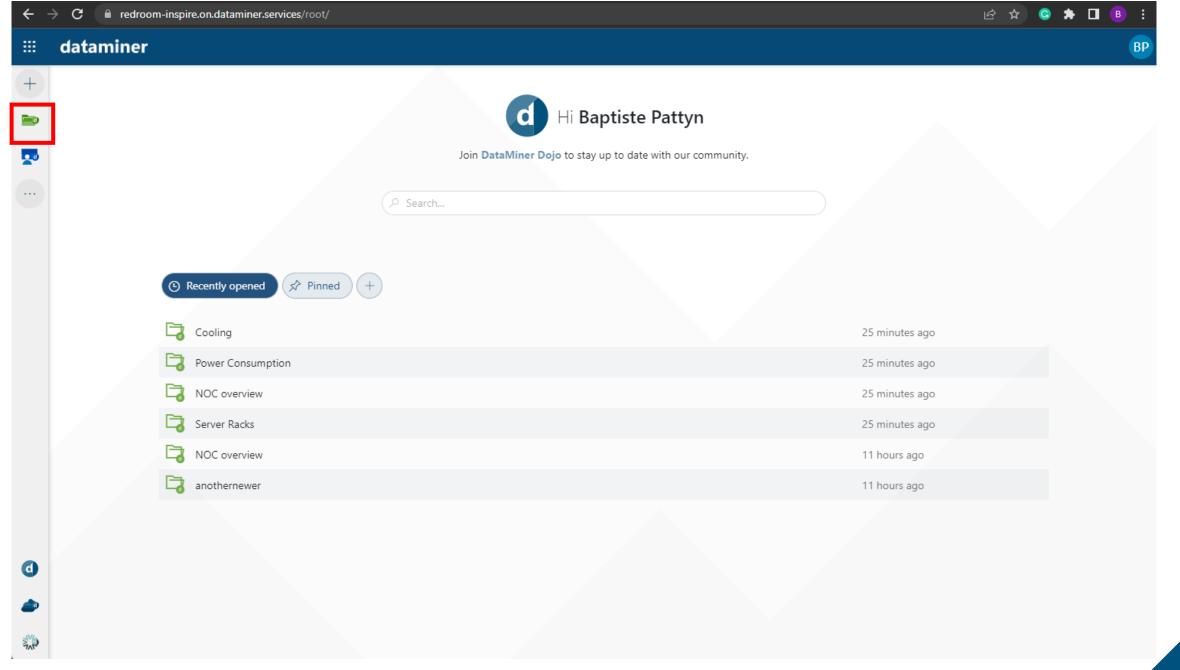
- Share live data with anybody
- Instant, effortless and on the fly
- Professionally e2e secured and scalable
- Fully integrated with DataMiner
- Supporting endless use cases
- Alternative for Dashboard Gateway

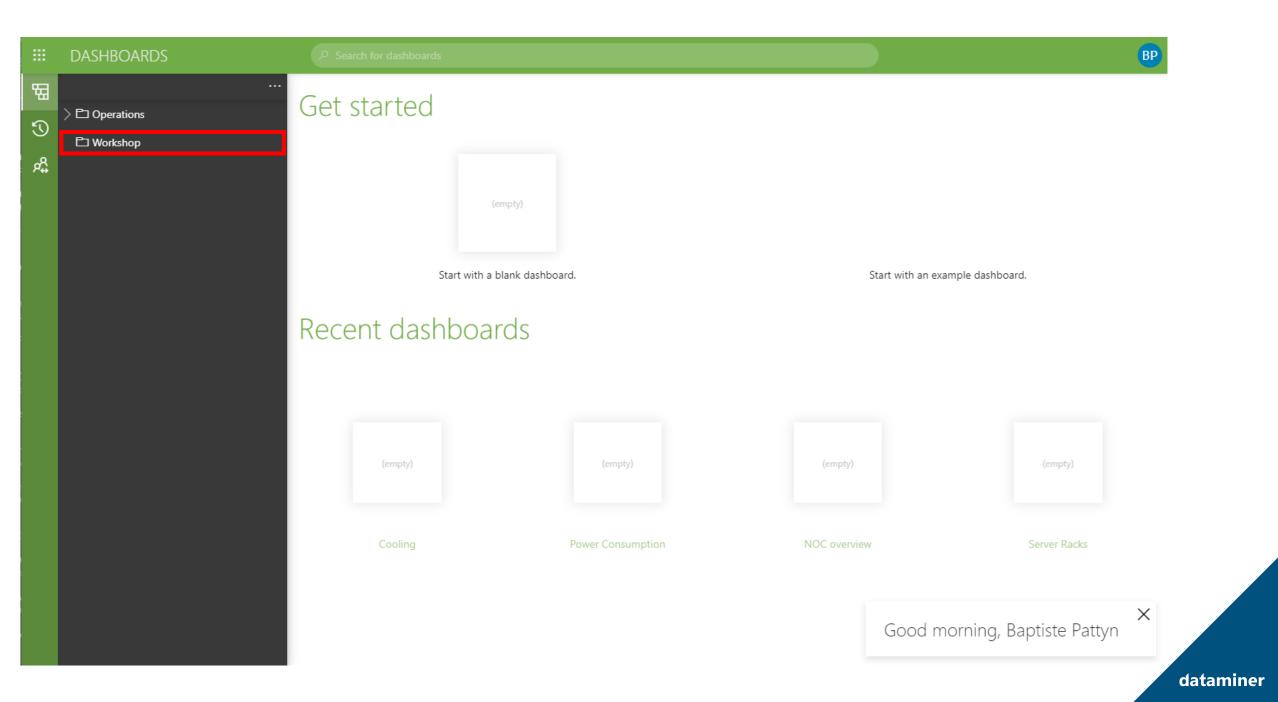


Live Sharing Service

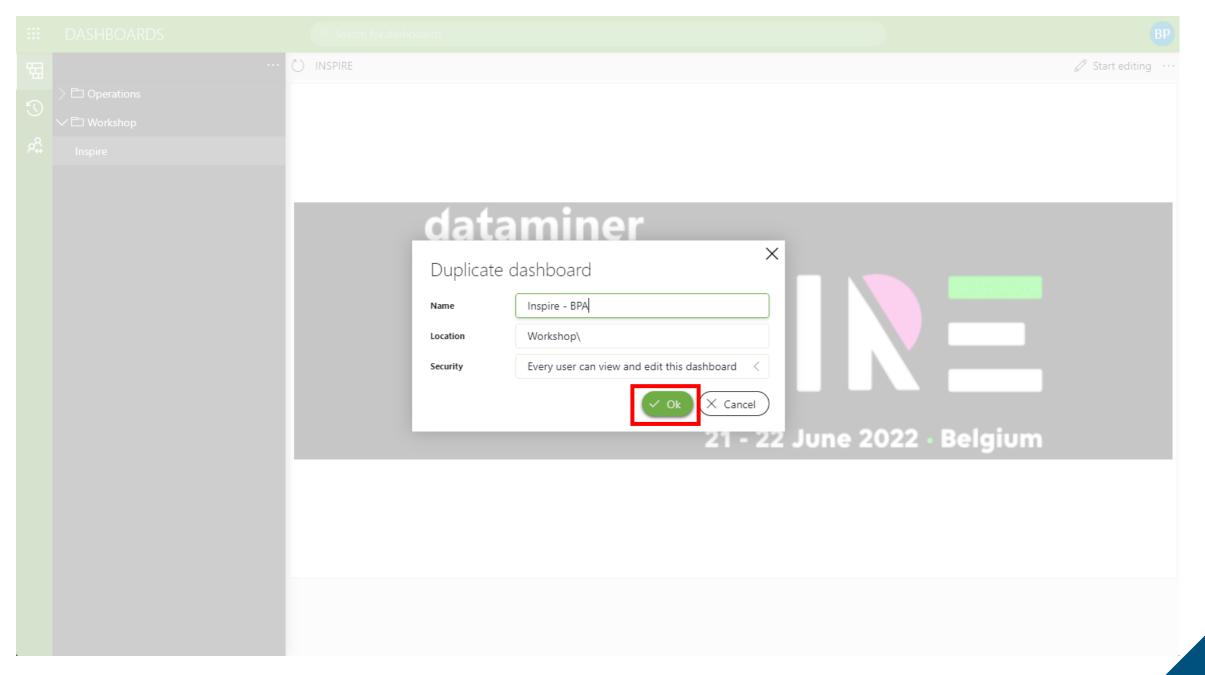
Hands-on

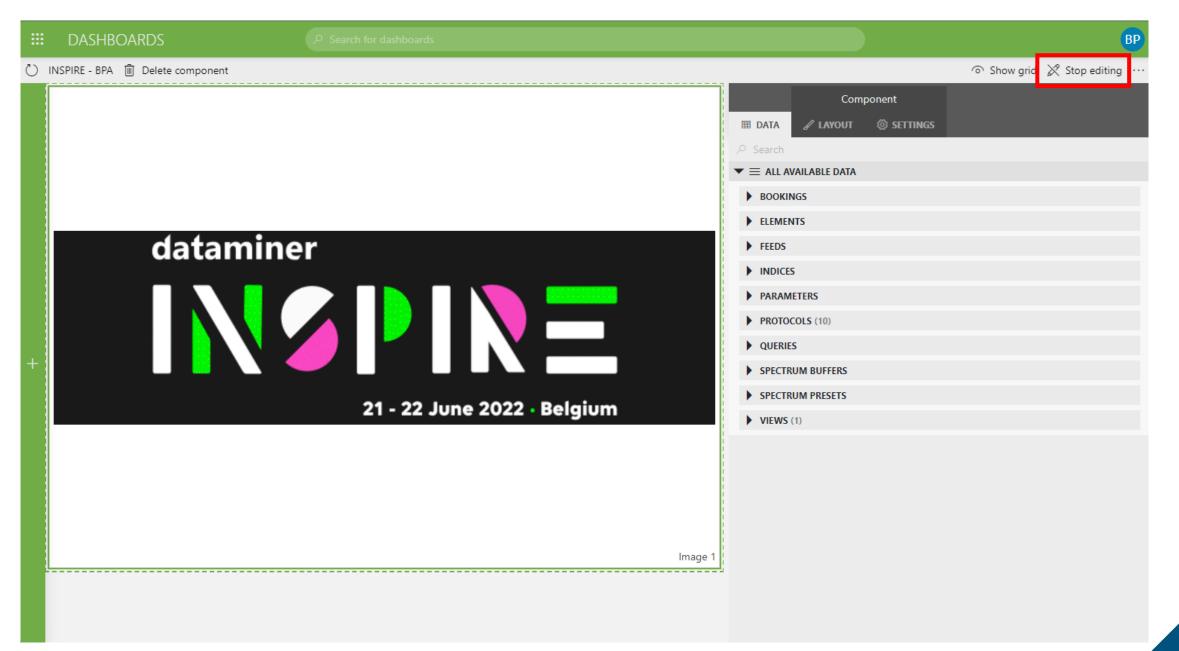
- Go to https://redroom-inspire.on.dataminer.services
- Open Dashboards app
- Create share
- Go to https://shares.dataminer.services
- Open share
- Remove yourself from share
- Go back to https://redroom-inspire.on.dataminer.services
- Edit the share
- Remove the share





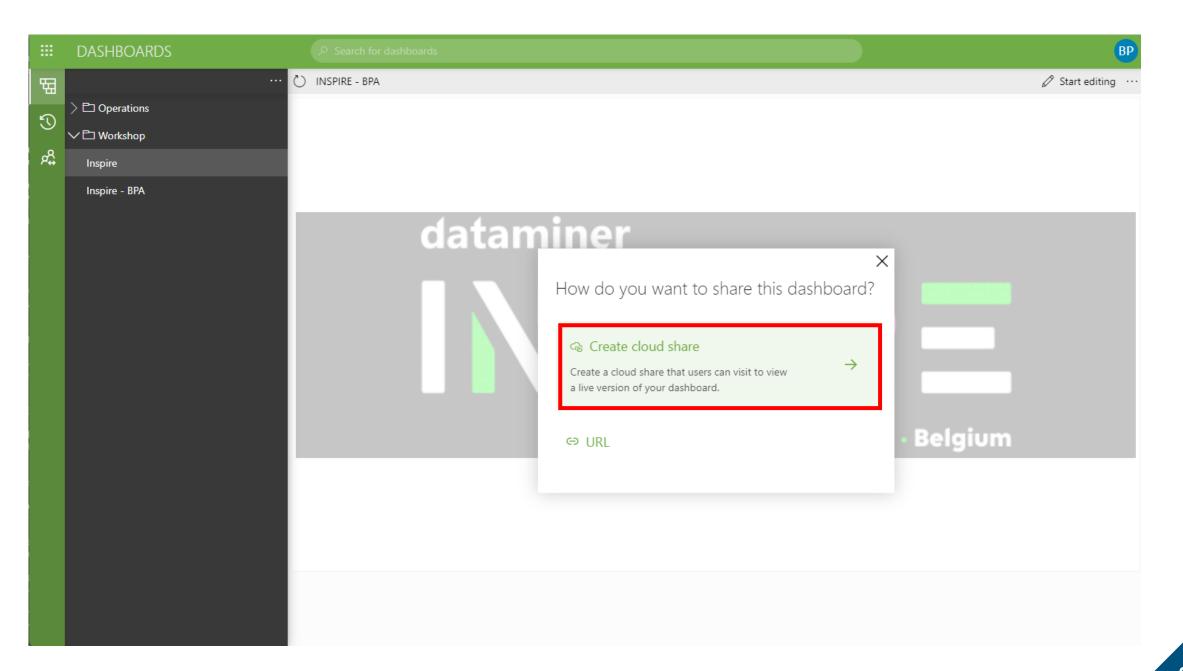










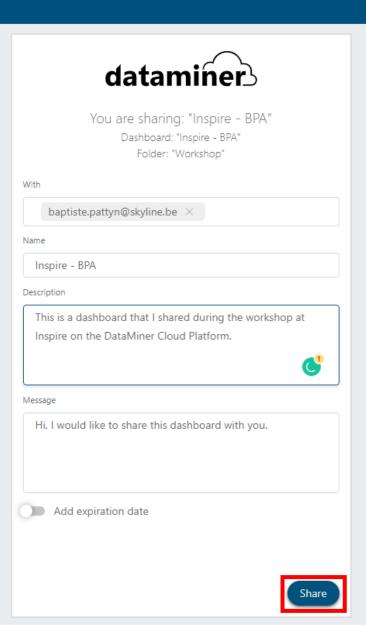












dataminer.services



Baptiste Pattyn shared a dashboard with you

Hi, I would like to share this dashboard with you.

You now have access to the following dashboard:

Inspire - BPA

This is a dashboard that I shared during the workshop on the Cloud Connection.

Open

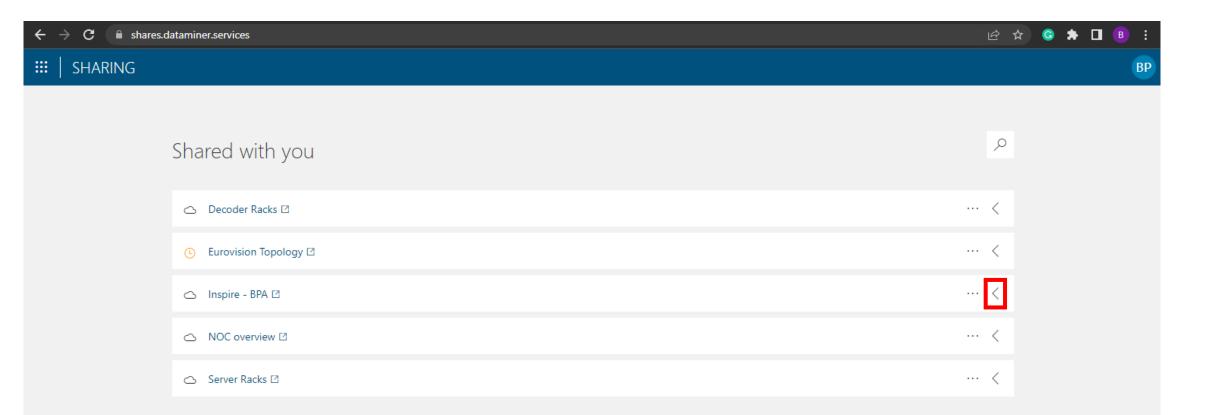
DataMiner Cloud Dashboards provide instant live access to data shared with you by users of the DataMiner end-to-end network management and orchestration platform.

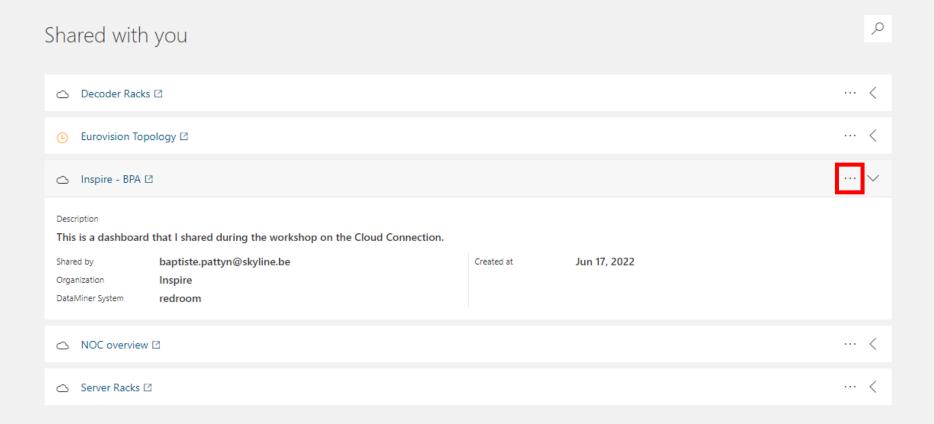




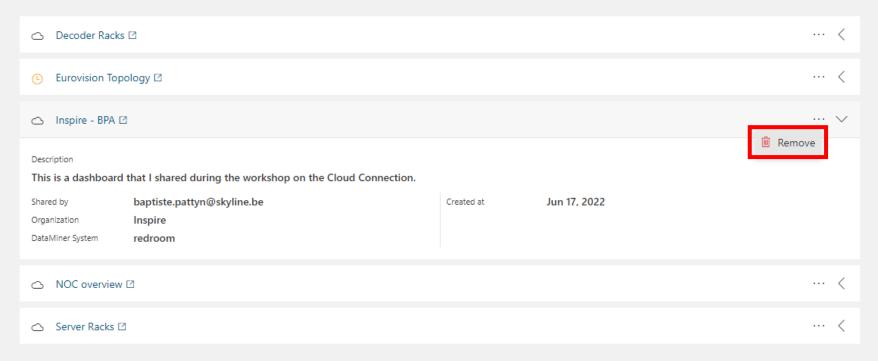


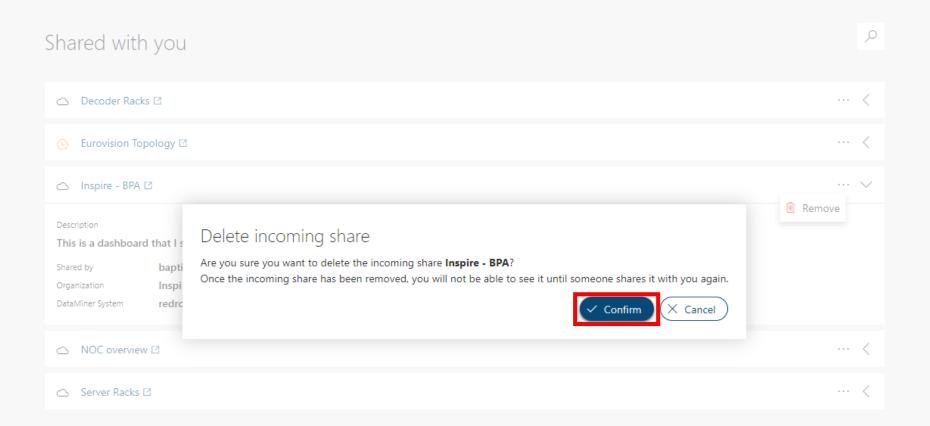






Shared with you





Shared with you

O

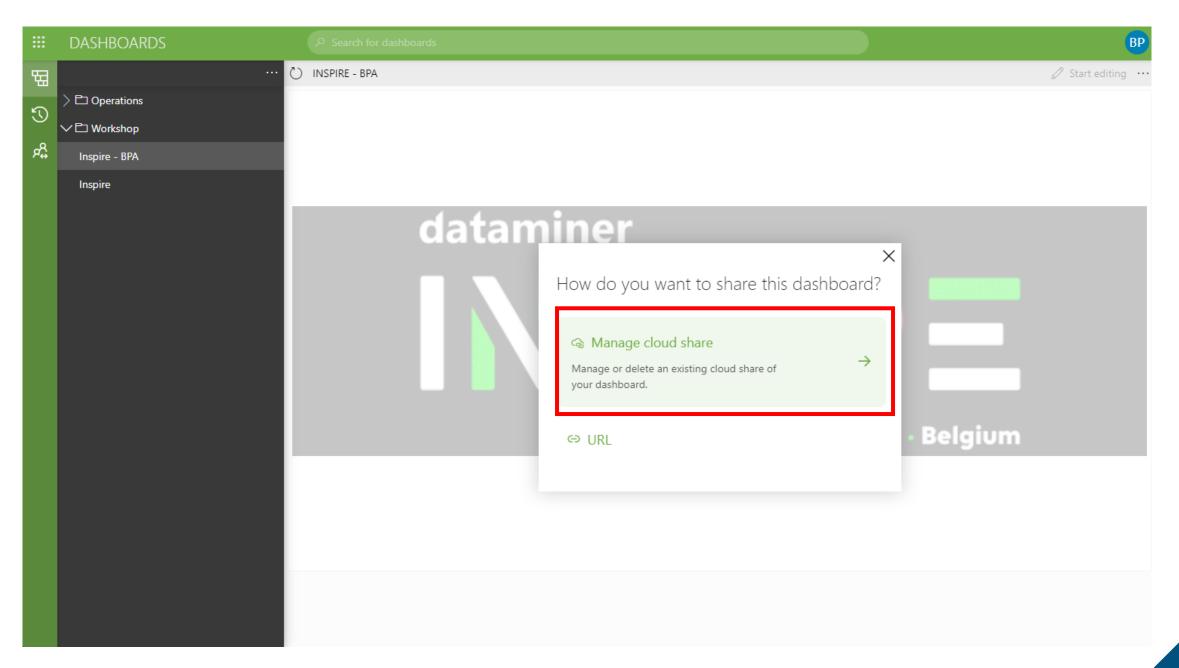
- △ Decoder Racks ☑ ···
- © Eurovision Topology ☑ ··· 〈
- △ NOC overview ☑

Share removed

The incoming share has been removed succesfully.

 \times















dataminer3

You are sharing: "Inspire - BPA" Folder: "Workshop"

With

ADMIN

Name

Inspire - BPA

Description

This is a dashboard that I shared during the workshop on the Cloud Connection.

Message

Hi, I would like to share this dashboard with you.

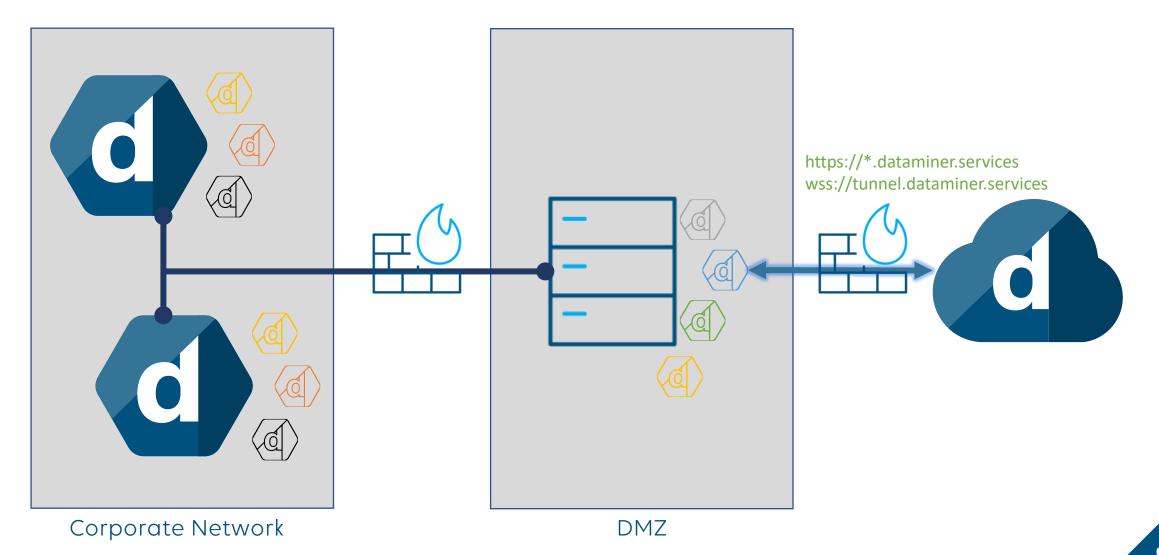
Add expiration date

ChatOps

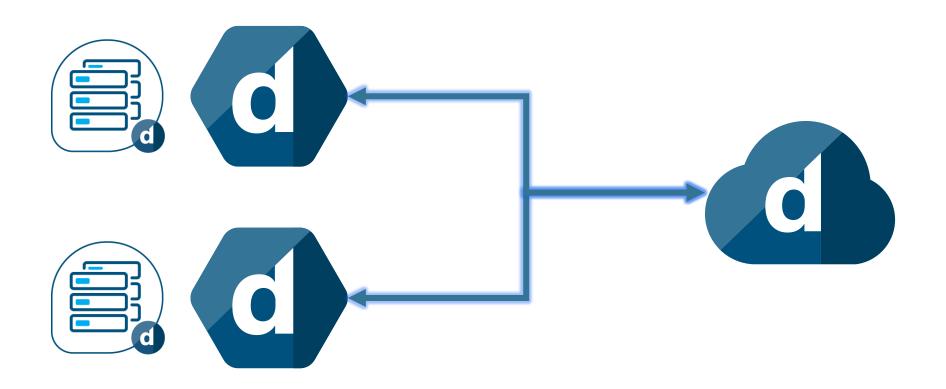
MSTeams integration to easily integrate DataMiner data in the conversation.

Upcoming features

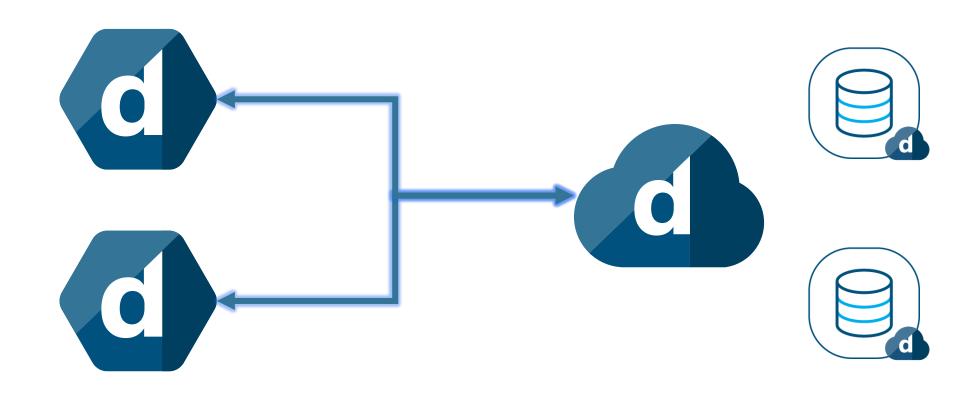
DMZ setup

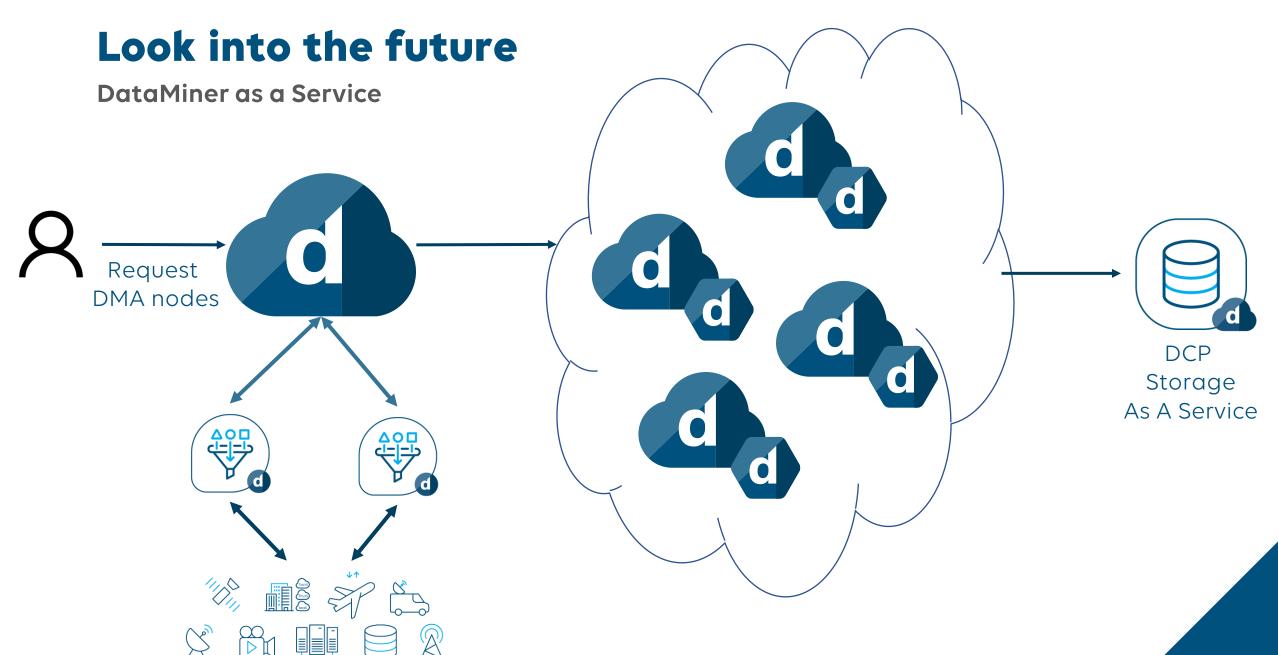


Storage as a Service



Storage as a Service





And more...





API Sharing



Slack Bot



App Sharing

do you have any questions?

Please take a minute to fill in our anonymous survey sheet, so we can improve our future workshop sessions.

We appreciate your feedback.

Let's connect!



Baptiste Pattyn
Product Owner Cloud at Skyline
Communications



OR



baptiste.pattyn@skyline.be

legal note

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