Milestone Husky IVO™ Series

UNLEASH YOUR POWER TO PERFORM

August 2021

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MAKE THE WORLD SEE

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WHY CHOOSE HUSKY IVO?

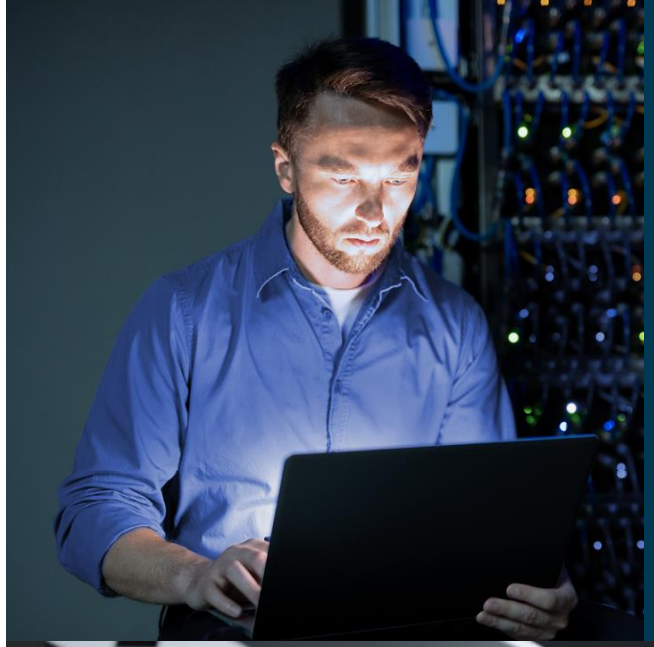
POWER TO SAVE TIME

From choosing units to installing and maintaining them, Husky is all about convenience.

Pre-loaded with XProtect, to save you time on setup and installation

POWER OF PEACE OF MIND

Get support when you need it the most with a single point of contact and option for onsite support.



Performance isn't just about the products. **It's also about the people and the support behind them.**

POWER TO ACHIEVE MORE

The optimal combination of software and hardware to achieve more with your solution.

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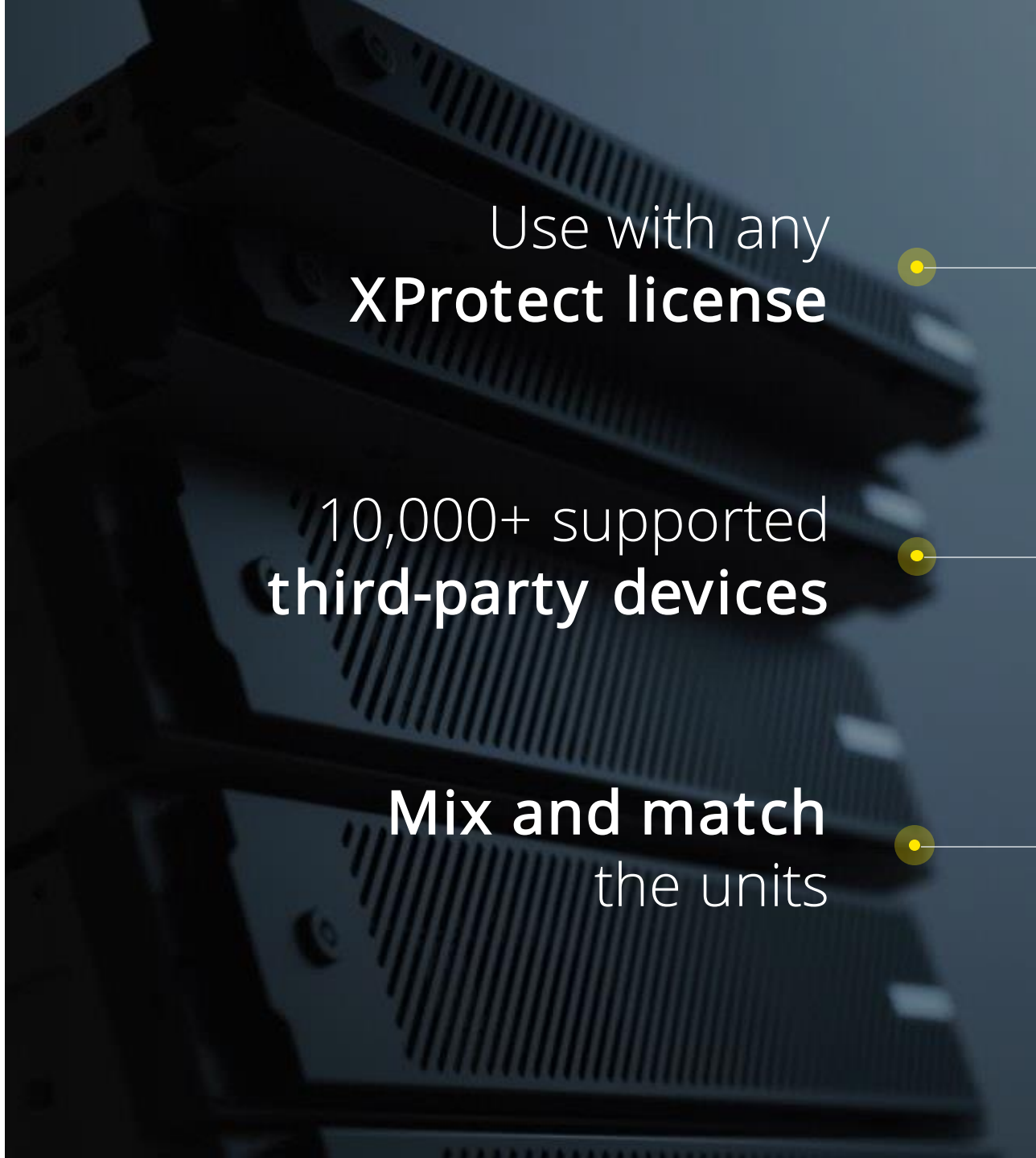
POWER TO EVOLVE

Be prepared for evolving needs with Husky's scalable and flexible range.



MILESTONE HUSKY IVO SERIES

Designed to fit numerous XProtect use cases

Milestone **Husky** IVO **150D**
Reliable and simple setup for smaller sites

Milestone **Husky IVO 350T & 350R**
The ideal setup for small installations, with the freedom to scale up

Milestone **Husky** IVO **700R**
For continuous recording and full redundancy

Milestone **Husky** IVO **1000R**
Achieve extra protection by ensuring 24/7 recording of large facilities

Milestone **Husky** IVO **1800R**
Ultimate throughput and storage for when critical surveillance is needed

SERVICE & SUPPORT

When performance and support come together

Global support network from Milestone Systems

Option for **onsite support**

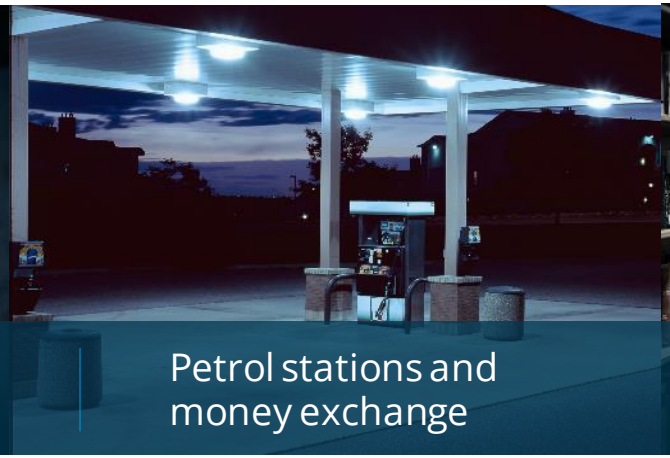
Single point of contact for VMS and hardware

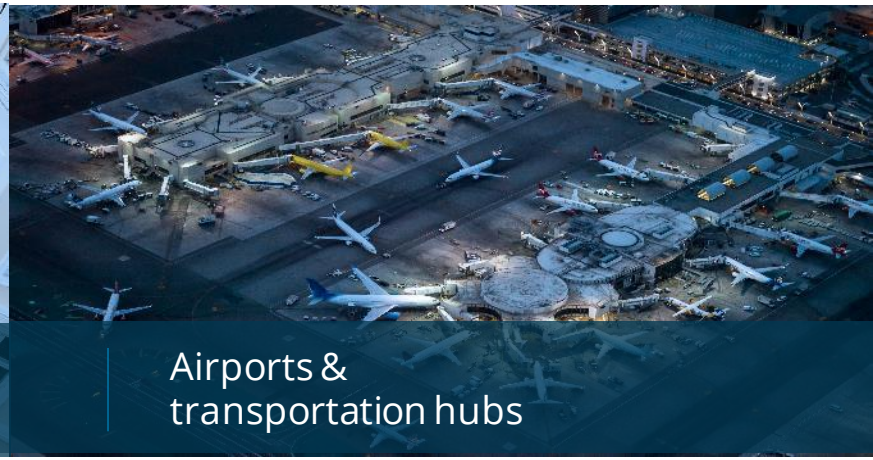
5

Standard **5-year warranty** on all appliances in this series

SCALABILITY AND FLEXIBILITY

From simple setups to large, complex installations





PORTFOLIO OVERVIEW

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Husky IVO 150D

Reliable and simple setup for smaller sites and multi-site installations

Throughput Up to 150 Mbit/s	**Local storage** Up to 16 TB
Channels Up to 20	**CPU** Intel® Pentium® Gold G5400

Specifications and features

Key features

- Minimal need to view real-time footage locally
- Up to 16TB local data storage
- Viewing of the video primarily via Smart Client
- Small form factor – ideal for locations with limited space

Use case examples

- Retail
- Petrol stations
- ATMs

Key components

- Intel Pentium
- 8GB RAM
- M.2 256GB
- OS drive incl. Windows 10
- 1 x 3.5" internal bay
- 2 x 1Gbps LAN

- Up to 16TB (1bay)

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Husky IVO 350T

The ideal setup for small installations, with the freedom to scale up

Throughput Up to 360 Mbit/s	**Local storage** Up to 32 TB
Channels Up to 50	**CPU** Intel® Core™ i3-10100

Specifications and features

Key features

- Minimum redundancy level through software RAID 1
- Start small and have the flexibility to grow
- Up to 32 TB local storage

Use case examples

- Retail
- Small warehouses

Key components

- Intel i3
- 16GB RAM
- M.2 256GB
- OS drive incl. Windows 10

- 2 x 3.5" internal bay
- 2 x 1Gbps LAN
- RAID (SW): 0,1

- Up to 32TB (2 bays)

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Husky IVO 350R

Ideal for scaling within existing IT infrastructures

Throughput Up to 360 Mbit/s	**Local storage** Up to 32 TB
Channels Up to 50	**CPU** Intel® Core™ i3-9100

Specifications and features

Key features

- Minimum redundancy level through software RAID 1
- Start small and have the flexibility to grow
- Up to 32 TB local storage

Use case examples

- Retail
- Small warehouses

Key components

- Intel i3
- 16 GB RAM
- M.2 256GB
- OS drive incl. Windows 10

- 2 x 3.5" bays
- 2 x 1Gbps LAN
- RAID (SW): 0,1

- Up to 32TB (2 bays)

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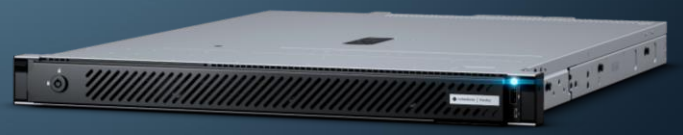
Husky IVO 700R

For continuous recording and full redundancy

Throughput Up to 720 Mbit/s	**Local storage** Up to 64 TB
Channels Up to 100	**CPU** Intel® Xeon® E-2236



Specifications and features

Key features

- Full redundancy with dual OS drives (RAID 1) and power supply, and hardware RAID
- Up to 64 TB local storage
- Remote management through iDRAC

Use case examples

- Logistics centers
- Small city surveillance
- School campus

Key components

- Intel Xeon
- 16GB RAM
- 2 x M.2 240GB (RAID1)
- OS drive incl. Windows 10

- 4 x 3.5” HDD bays
- RAID: 0,1, 5, 6, 10
- 2x 1Gbps LAN

- Dual Hot Plug Power Supplies 350W

- Up to 64TB on 4 bays

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Husky IVO 1000R

Achieve extra protection by ensuring 24/7 recording of large facilities

Throughput Up to 1080 Mbit/s	**Local storage** Up to 128 TB
Channels Up to 150	**CPU** Intel Xeon Silver 4210R

Specifications and features

Key features

- Full redundancy with dual OS drives and power supply, and hardware RAID
- Possibility to add components to support analytics
- Windows Server OS
- High retention time - up to 128 TB local storage
- Remote management through iDRAC

Use case examples

- Malls
- Stadiums
- University campus

Key components

- Intel Xeon Silver
- 16GB RAM
- 2 x M.2 240GB (RAID1)
- OS drive incl. Windows Server 2019

- 8 x 3.5” HDD bays
- RAID: 0,1, 5, 6, 10
- 4x 1Gbps LAN

- Dual Hot Plug Power Supplies 750W

- Up to 128TB on 8 bays
- Prepared up to 12 bays

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Husky IVO 1800R

Ultimate throughput and storage for when critical surveillance is needed

Throughput Up to 1800 Mbit/s	**Local storage** Up to 384 TB
Channels Up to 250	**CPU** Intel® Xeon® Silver 4210R

Specifications and features

Key features

- Optimized for high throughput
- Extensive local storage – up to 384 TB
- 10Gbps NICs – ability to connect external SAN storage
- Windows Server OS
- Full hardware redundancy
- Remote management thru iDRAC

Use case examples

- Airports
- Transport hubs
- City surveillance

Key components

- Intel Xeon Silver
- 32GB RAM
- 2 x M.2 240GB (RAID1)
- OS drive incl. Windows Server 2019

- 12 x 3.5” HDD bays
- RAID: 0,1, 5, 6, 10
- 2x 1Gbps + 2x 10Gbps

- Dual Hot Plug Power Supplies 1100W

- Up to 384TB (up to 24 bays)

OPTIMAL VIDEO PERFORMANCE

Overview of key specifications and features

	Husky 150 D	Husky 350 T	Husky 350 R	Husky 700 R	Husky 1000 R	Husky 1800 R
Bitrate	Up to 150 Mbit/s	Up to 360 Mbit/s	Up to 360 Mbit/s	Up to 720 Mbit/s	Up to 1080 Mbit/s	Up to 1800 Mbit/s
Nb. of Channels	Up to 20	Up to 50	Up to 50	Up to 100	Up to 150	Up to 250
Local storage	Up to 16 TB	Up to 32 TB	Up to 32 TB	Up to 64 TB	Up to 128 TB	Up to 384 TB
Key features & components	Intel Pentium 8GB (1x 8GB) M.2 256GB OS drive incl. Windows 10 IoT Ent. SAC 1 x 3.5" internal bay 2 x 1Gbps LAN Up to 16TB (1bay)	Intel i3 16GB (2x 8GB) M.2 256GB OS drive incl. Windows 10 IoT Ent. SAC 2 x 3.5" internal bay 2 x 1Gbps LAN RAID (SW): 0,1 Up to 32TB (2 bays)	Intel i3 16 GB (2x 8GB) M.2 256GB OS drive incl. Windows 10 IoT Ent. SAC 2 x 3.5" bays 2 x 1Gbps LAN RAID (SW): 0,1 Up to 32TB (2 bays)	Intel Xeon 16 GB (2x8GB) 2 x M.2 240GB (RAID1) OS drive incl. Windows 10 IoT Ent. SAC 4 x 3.5" HDD bays RAID: 0,1, 5, 6, 10 2 x 1Gbps LAN Dual Hot Plug Power Supplies 350W Up to 64TB (4 bays)	Intel Xeon Silver 16GB (2x8GB) 2 x M.2 240GB (RAID1) OS drive incl. Windows Server 2019 IoT Essential 8 x 3.5" HDD bays RAID: 0,1, 5, 6, 10 4x 1Gbps LAN Dual Hot Plug Power Supplies 750W Up to 128TB (8 bays)	Intel Xeon Silver 32GB (4x8GB) 2 x M.2 240GB (RAID1) OS drive incl. Windows Server 2019 IoT Essential 12 x 3.5" HDD bays RAID: 0,1, 5, 6, 10 2x 1Gbps + 2x 10Gbps Dual Hot Plug Power Supplies 1100W Up to 384TB (up to 24 bays)

To achieve the performance above, the following video stream was tested:
1080p @30fps, approx. ~5Mbps/channel, H.264 with 100% Video Motion Detection and XProtect Management/Recording server only

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DEPLOYMENT OPTIONS

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DEPLOYMENT FREEDOM

Flexibility is at the core of the Husky IVO series... and it also applies to the way you can deploy it.

Whether you need Husky IVO as a stand-alone, or as part of a larger installation, **you have the freedom to choose.**

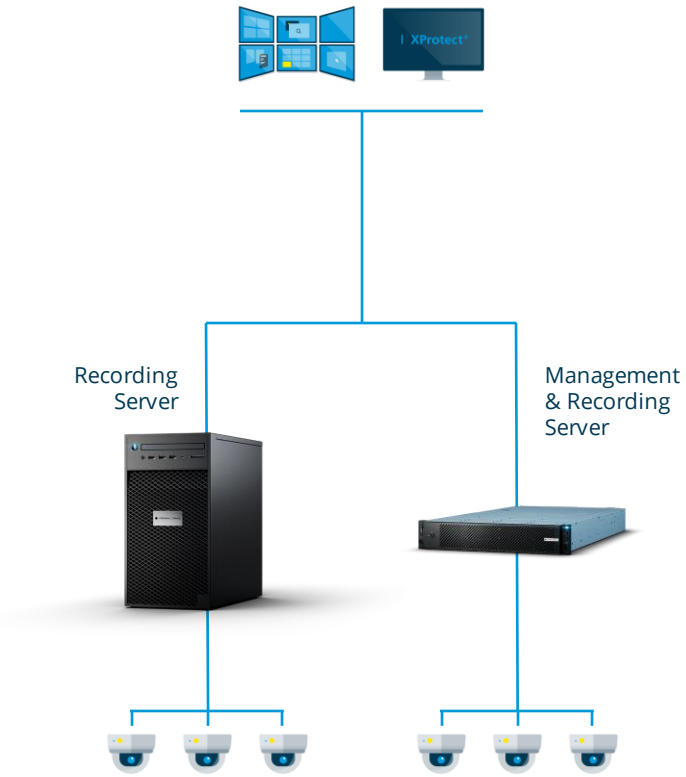
DEPLOYMENT FLEXIBILITY (1)

Stand-alone

All-in-one installation with limited local view

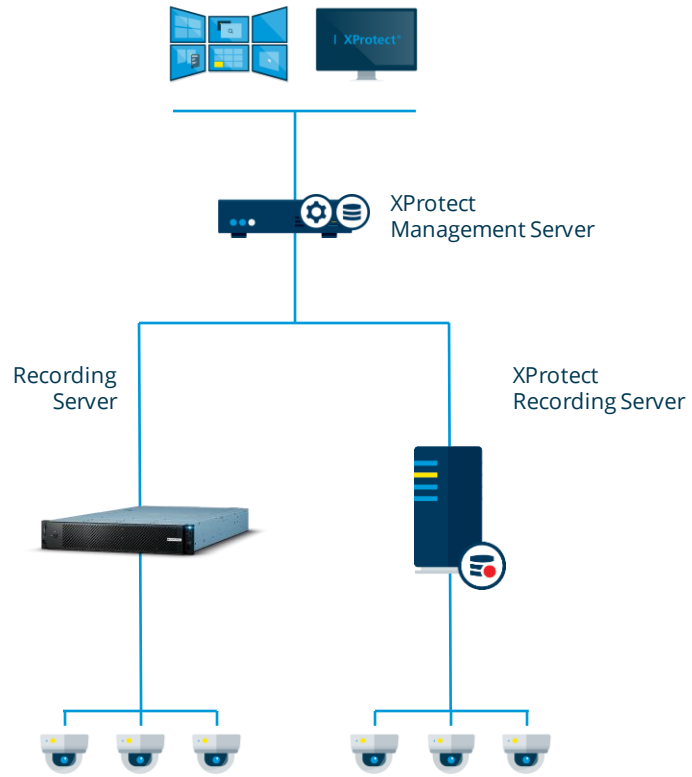
Multi-unit

Multiple units connected to form one centrally managed system



Connected to existing XProtect VMS

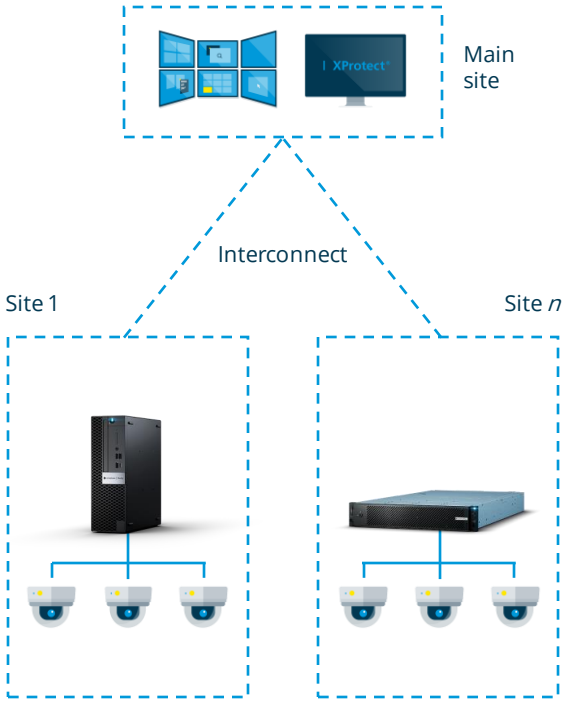
Husky IVO as a recording server in an existing XProtect VMS system



DEPLOYMENT FLEXIBILITY (2)

Milestone Interconnect™

Smaller independent sites connected to a central operations center

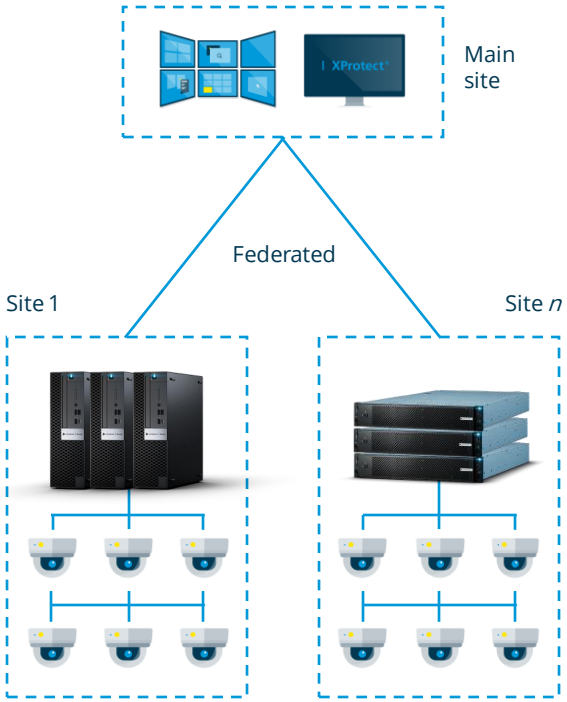


Learn more about Interconnect

Milestone Federated Architecture™

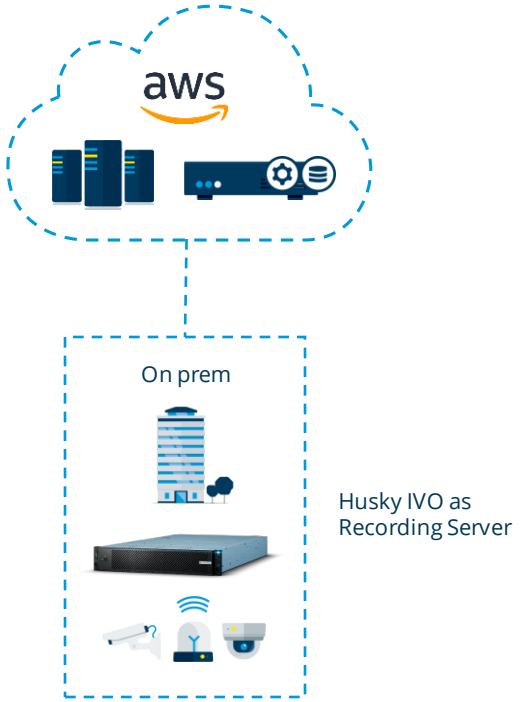
Larger independent sites connected to a central operations center

With Expert and Corporate only



Cloud-based

Single site within a cloud-managed installation, with Husky IVO on-prem



HUSKY IVO TOOL KIT

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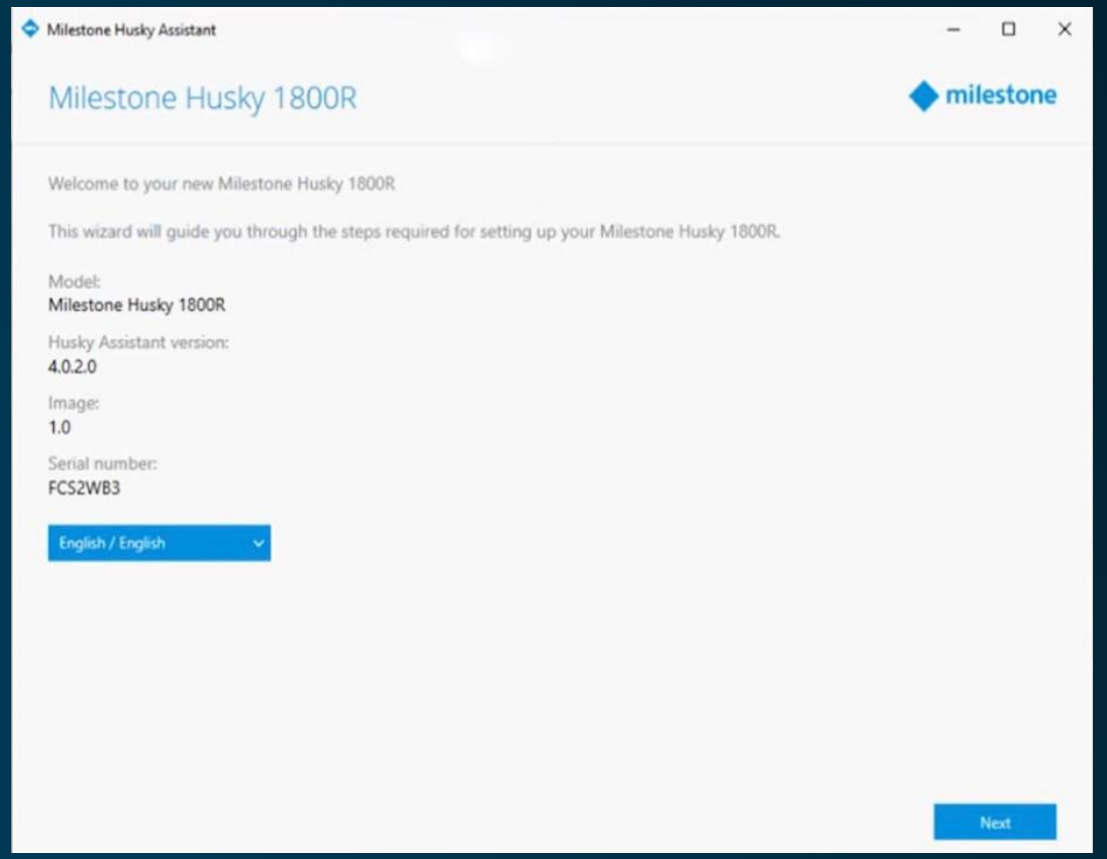
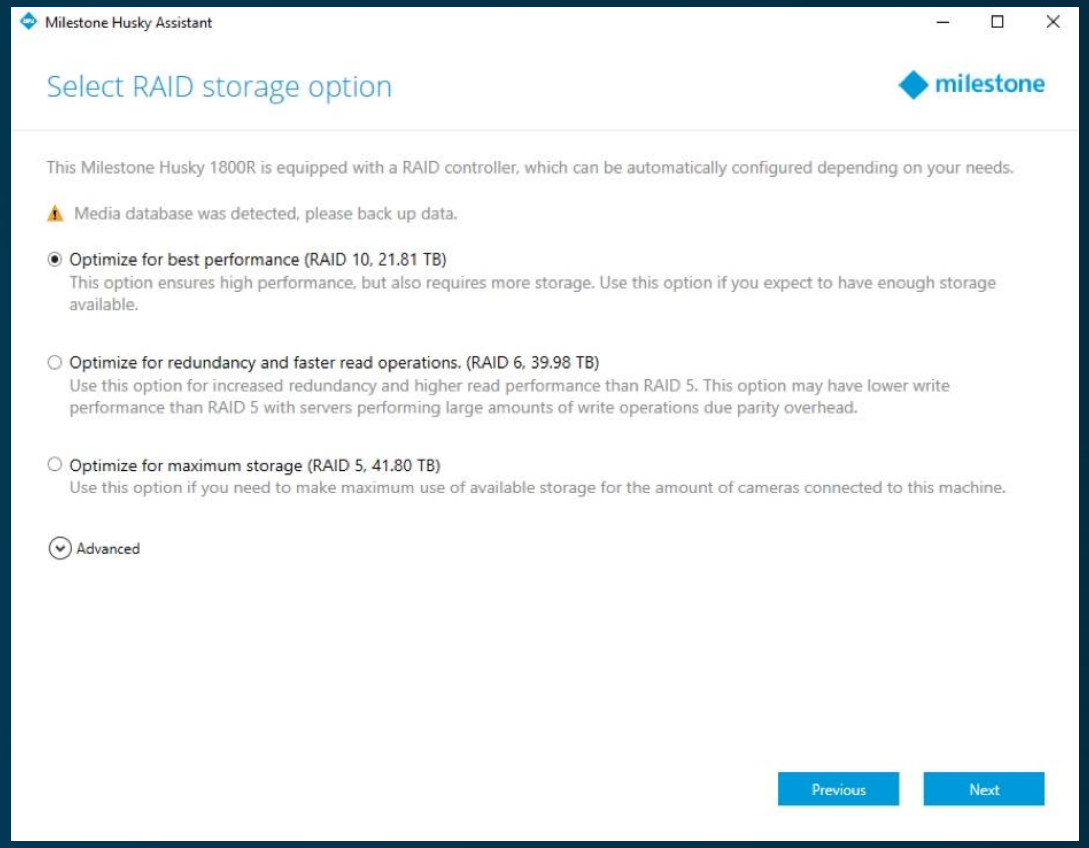
HUSKY ASSISTANT

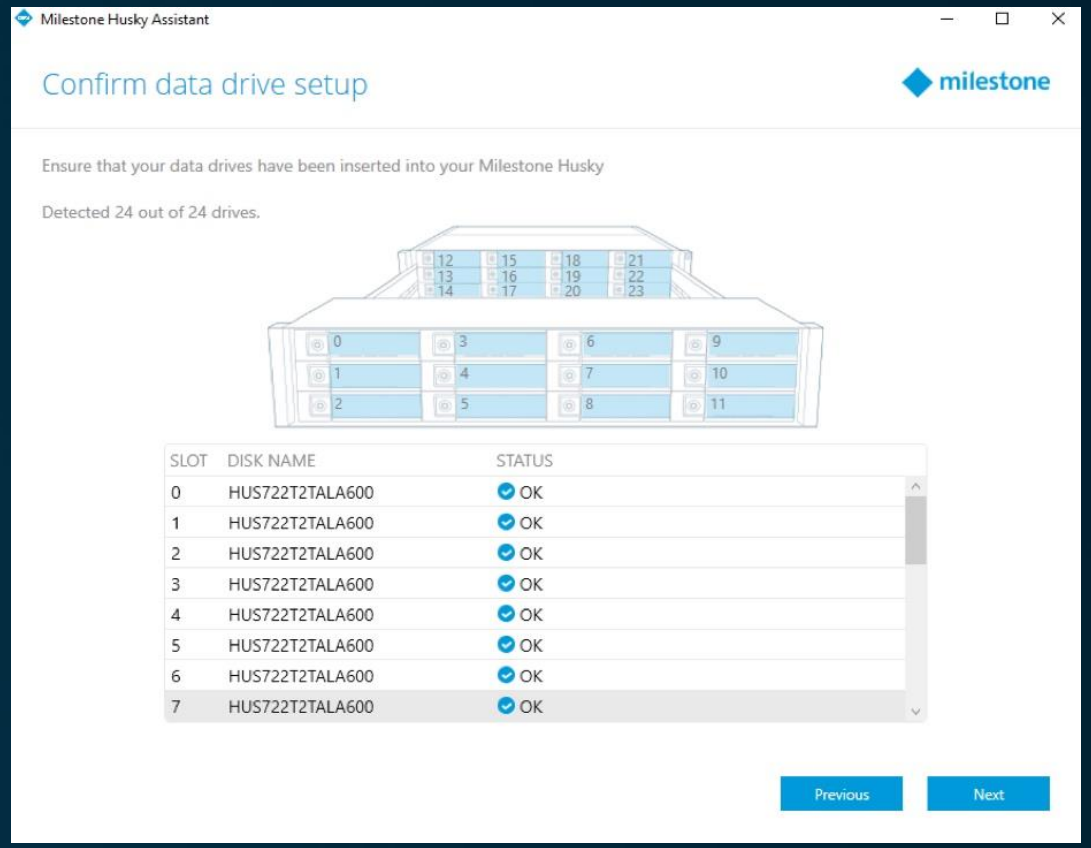
Smooth installation and intuitive setup wizard, to help you start right with Husky IVO



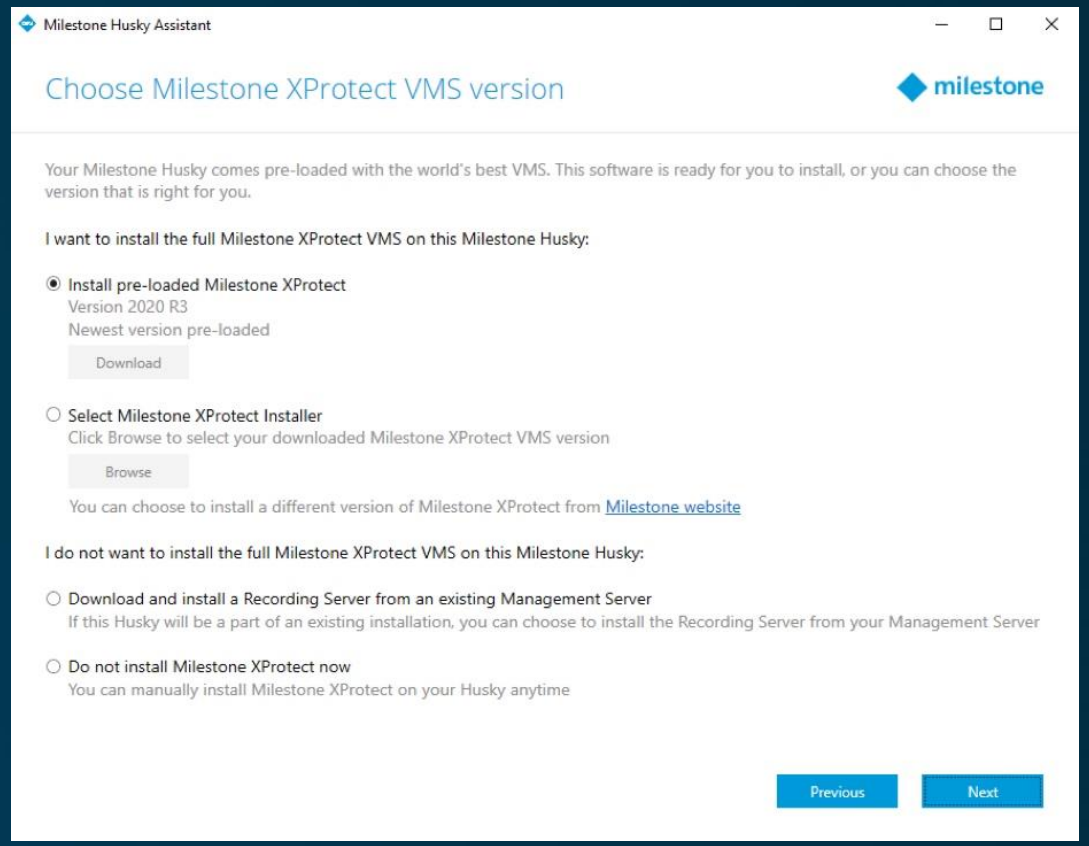
Easy overview of your drives and their status



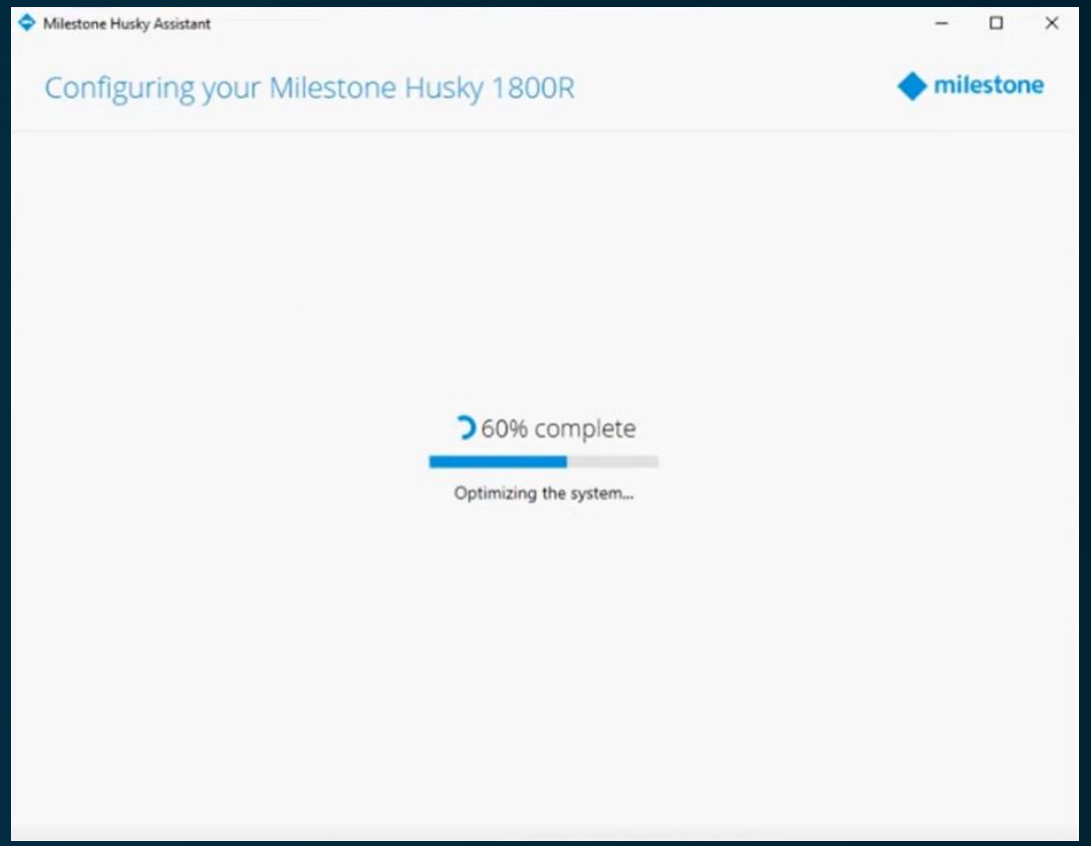
Optimized RAID configuration with multiple options

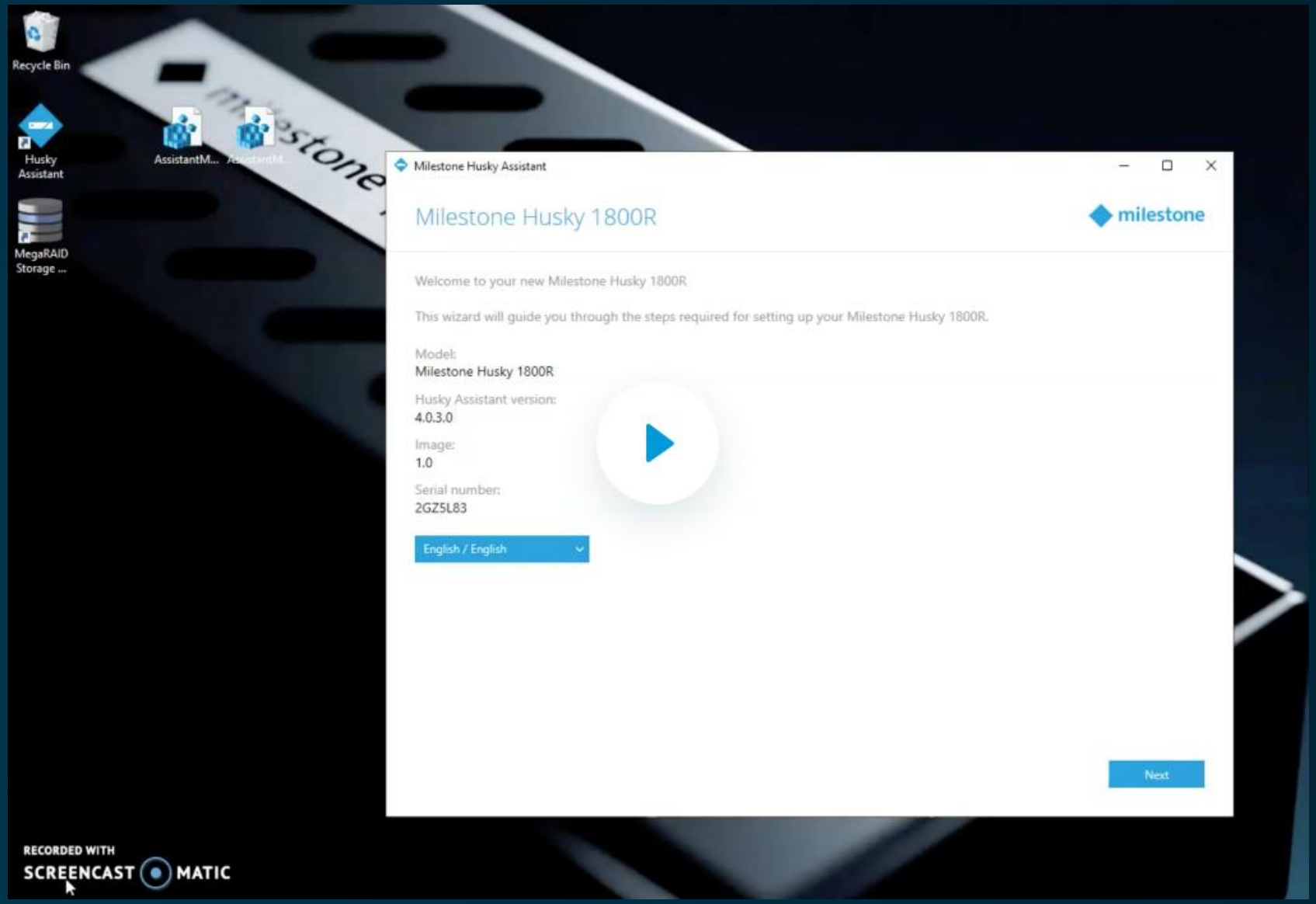


Be flexible when installing XProtect



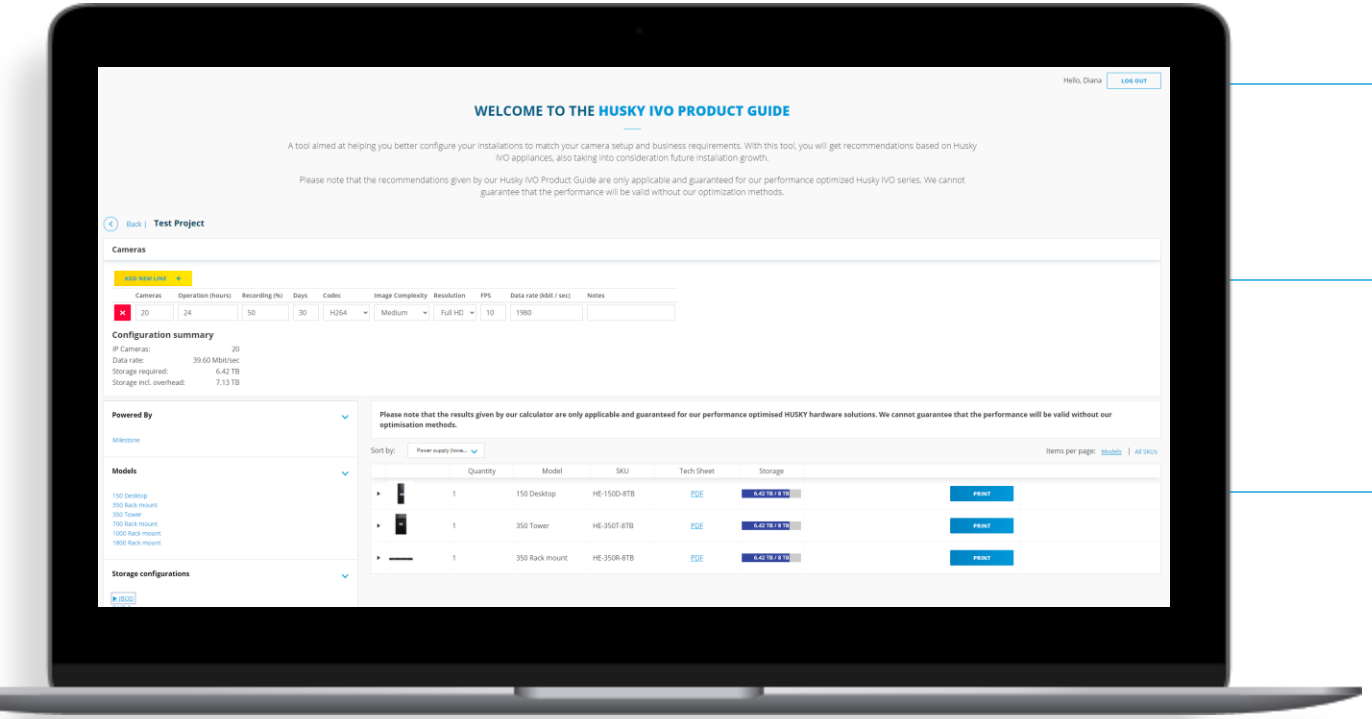
System optimizations to ensure performance




Recycle Bin
Husky Assistant
MegaRAID Storage ...
Milestone Husky Assistant
Milestone Husky 1800R
milestone
Welcome to your new Milestone Husky 1800R
This wizard will guide you through the steps required for setting up your Milestone Husky 1800R.
Model:
Milestone Husky 1800R
Husky Assistant version:
4.0.3.0
Image:
1.0
Serial number:
2GZ5L83
English / English
Next
RECORDED WITH
SCREENCAST MATIC

HUSKY IVO PRODUCT GUIDE

Online tool to better configure your installations



- Access through MyMilestone
- Match your camera setup and business requirements
- Compare different options and choose your preferred one

https://huskycalculator.milestonesys.com/

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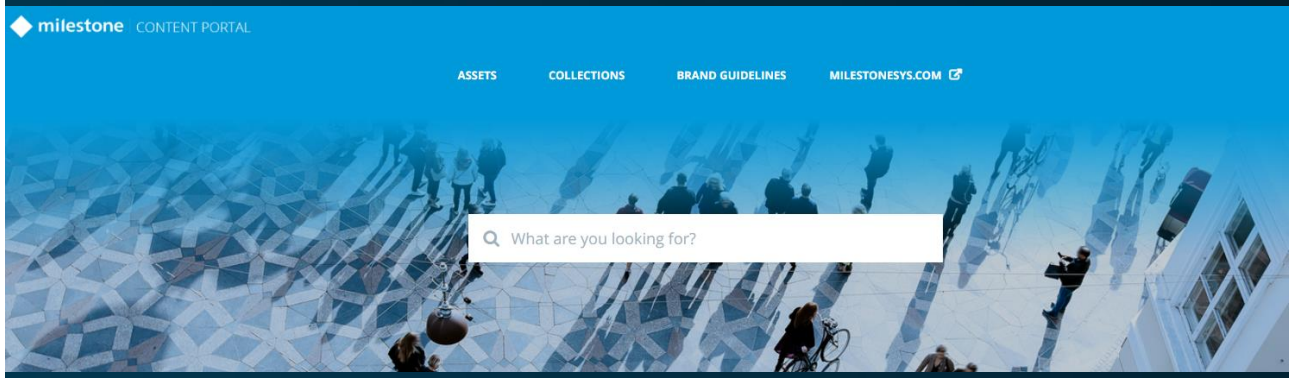
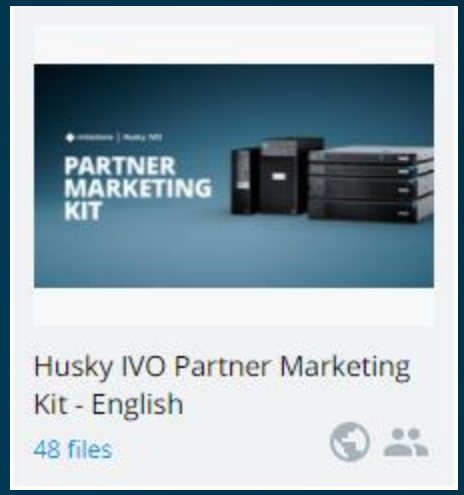
HUSKY IVO CONTENT

All the relevant documents, sales and technical materials available on Milestone Content Portal.





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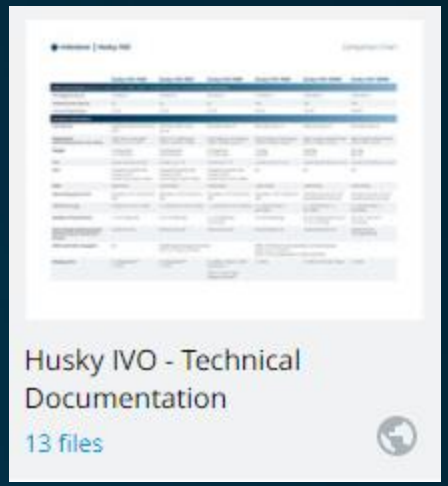

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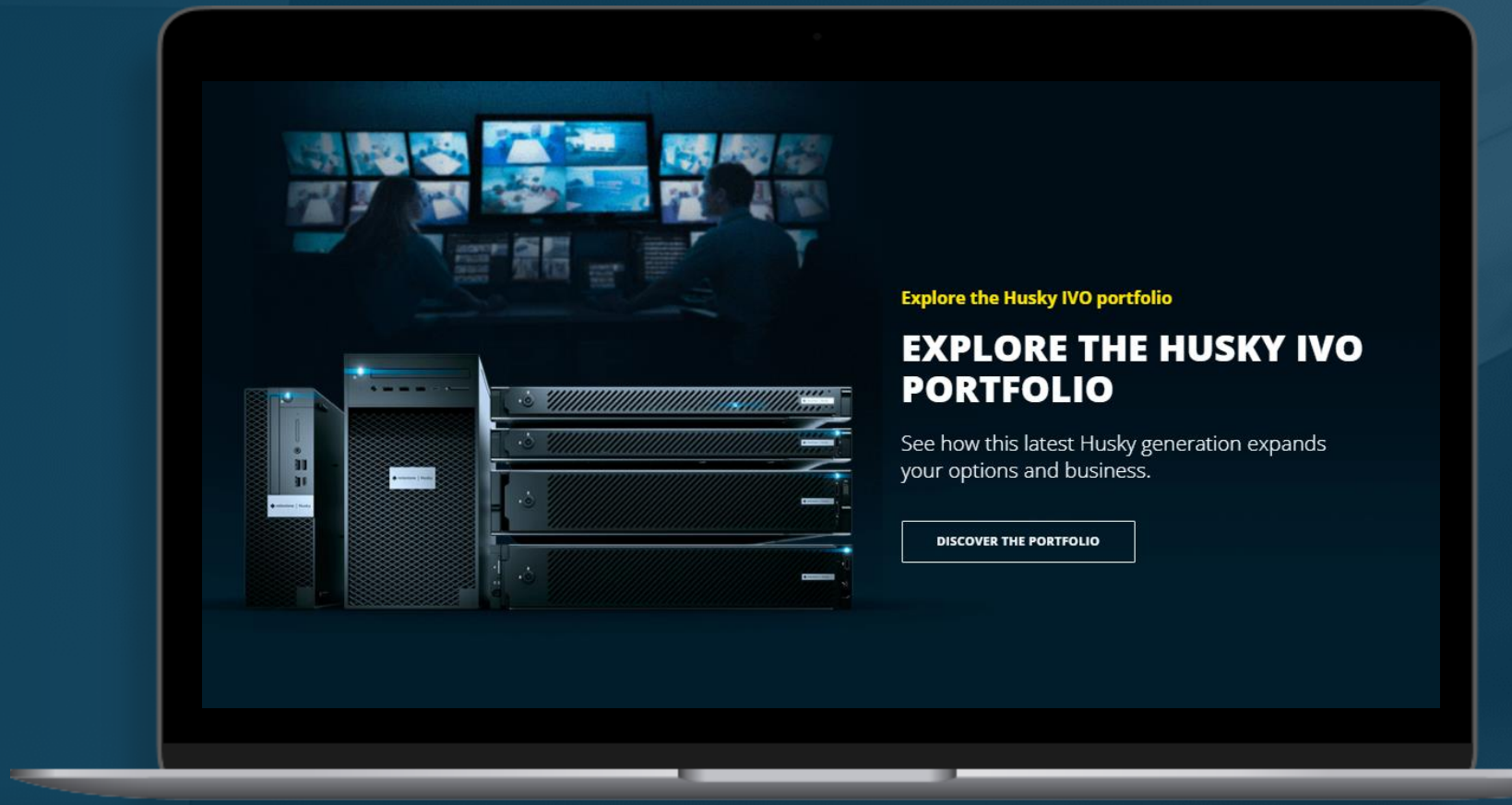
Want to know more?

DISCOVER HUSKY IVO



Thank you

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