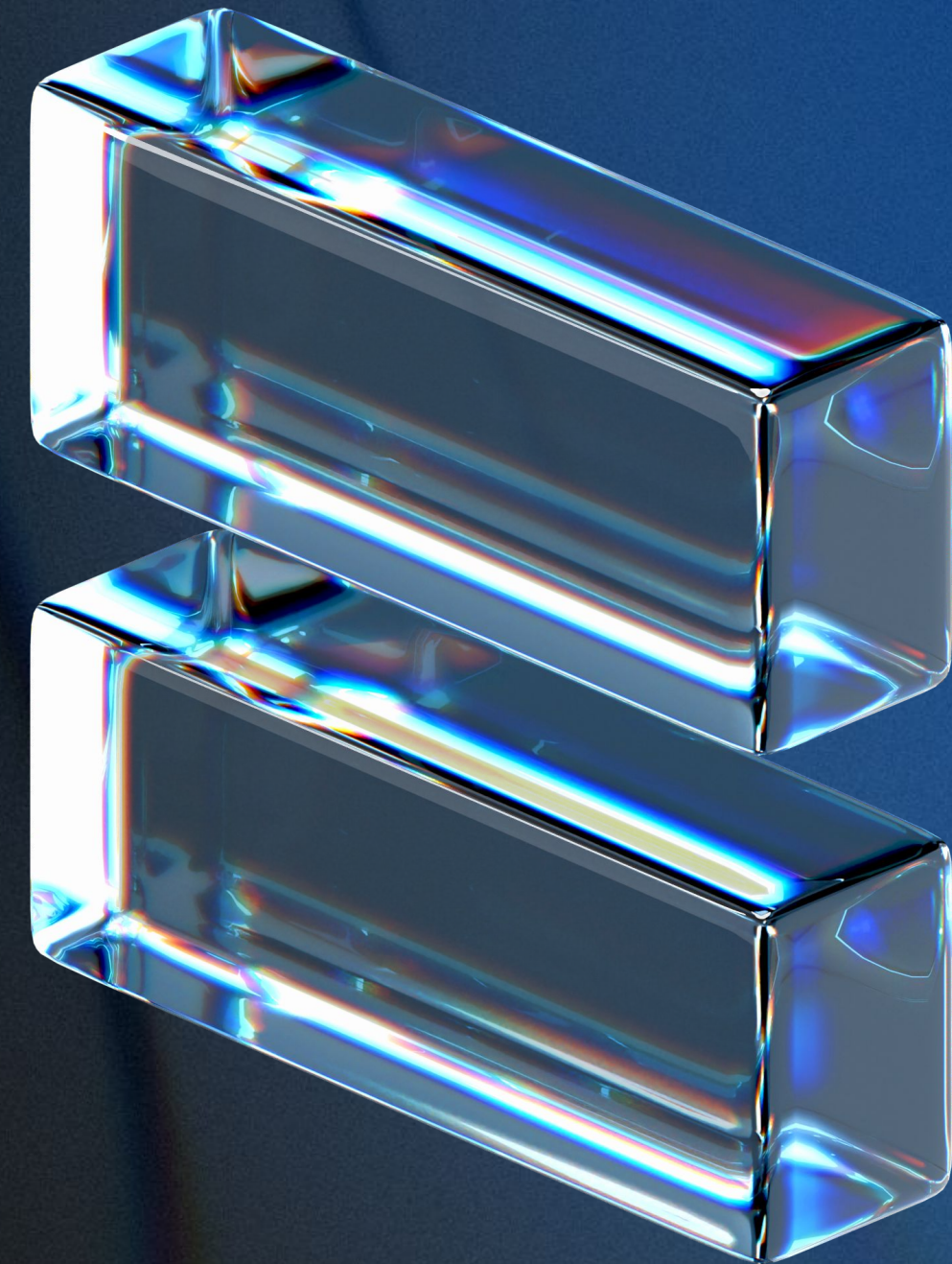


ispsystem

= dcimanager

DCImanager is the platform
for physical IT infrastructure management



vmmanager

billmanager

dcimanager

ISPsystem

the developer of platforms for integrated management of IT infrastructure.

We create software for physical inventory management, server virtualization, resource accounting and provisioning automation.

Clients in the USA, Europe and Asia have been using our products since 2004.



21 years in the market

Vast experience in software development.
We have developed 5 multi-functional products and several auxiliary systems over this period



1000+ client companies

ISPsystem products are used successfully by public sector and government authorities, industrial and manufacturing corporations, data centers, retail and logistics companies to name a few



200K+ servers managed by ISPsystem software

ISPsystem products are used successfully in hundreds of thousands servers worldwide



12+ sectors that use our products

ISPsystem products are used in a variety of sectors: from hosting providers and telecoms operators to data centers and major manufacturers



50+ countries that use our products

Active users of ISPsystem products can be found anywhere in the world.
All our services are in English: documentation, support, interfaces and etc.

DCImanager

Platform for server management as well as the entire hierarchy of physical server IT infrastructure:

server rooms

data processing centers

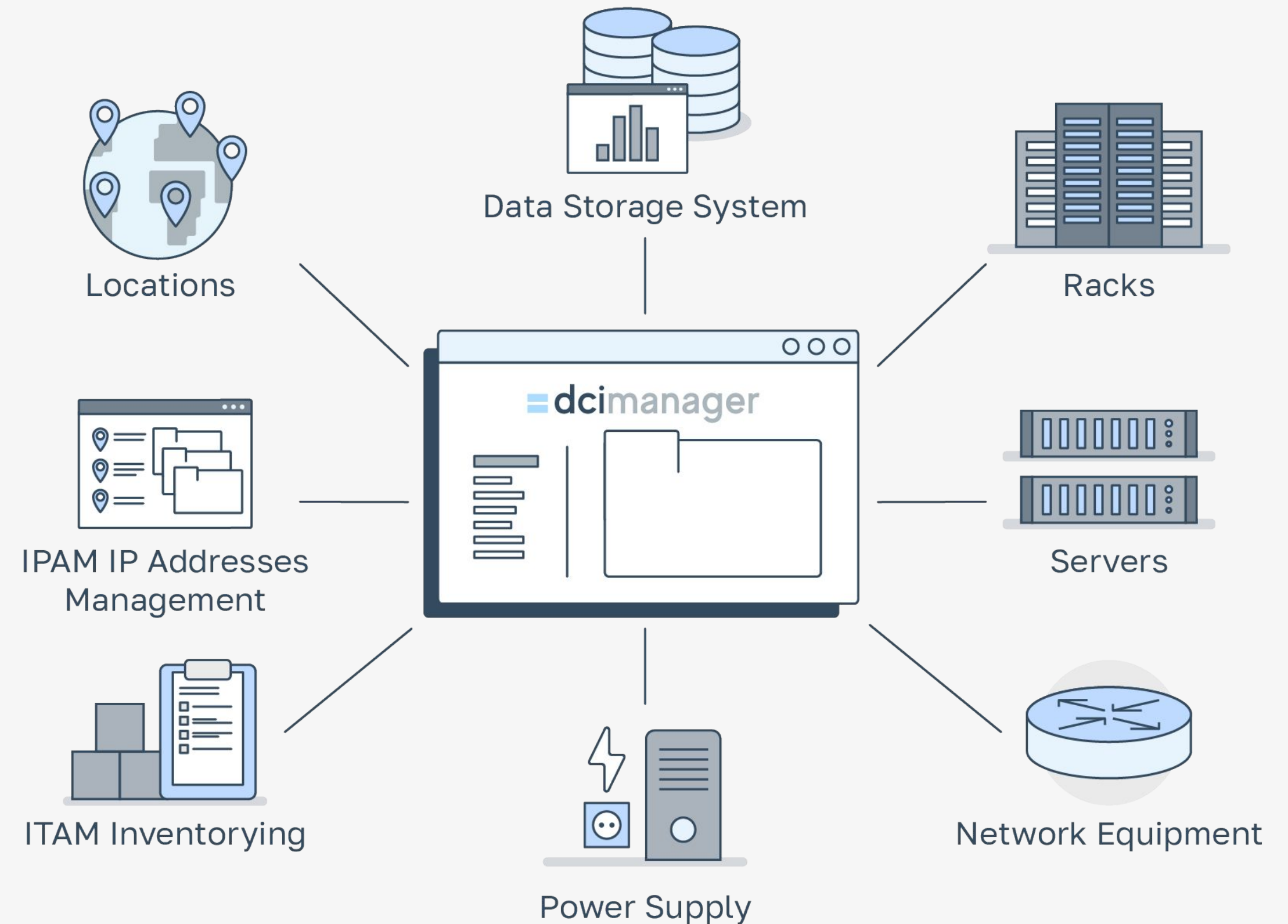
racks

servers

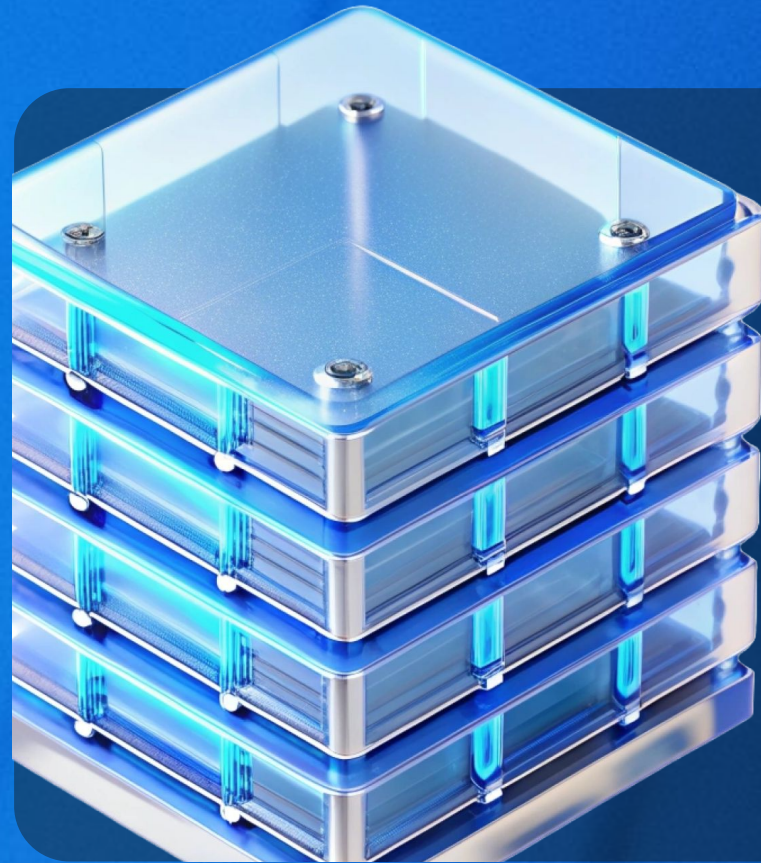
network hardware

power supply (PDU and UPS)

data storage system



DCImanager target clients



Client owns a data center or leases server racks in a data center.



Client installs servers and hardware in its own server room.

IT infrastructure resource management issues

Low level of automation, a lot of manual operations

A lot of hardware and lack of summary information about who it belongs to and where it is installed

Multiple hand-crafted kludgy solutions and a heterogeneity of management, monitoring and accounting tools

No connection between physical and virtual resources, which forces to align them manually

Geographical distribution of infrastructure, which forces to manage and calculate every location on a one-off basis

Slow problem reporting, when the problem has already manifested but it is not clear exactly where



Tasks DCImanager can solve

Managing server and server-related multivendor inventory of data center from a single window;

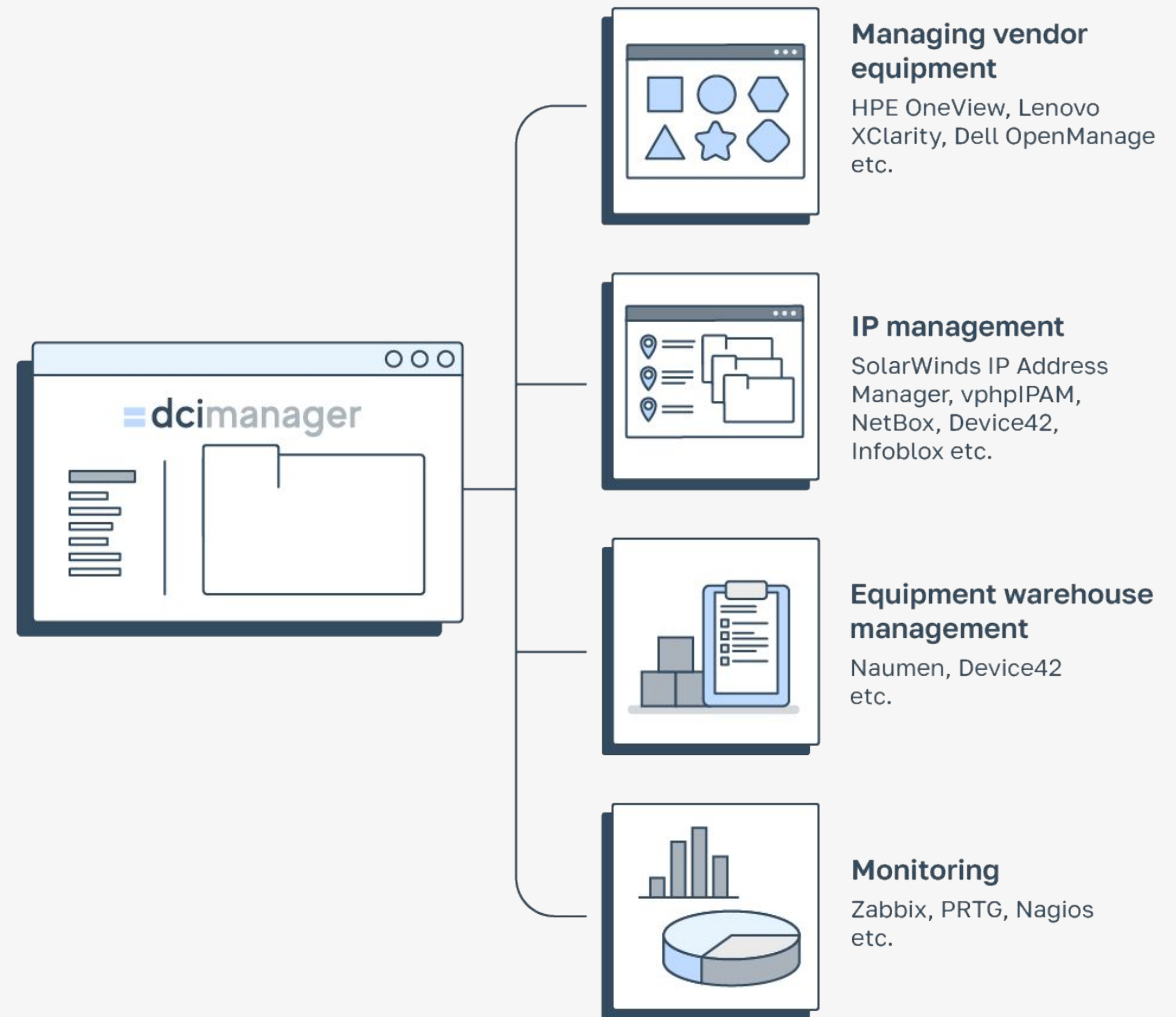
Managing inventory, components and licenses both in the infrastructure and in the warehouse;

Automated provisioning of physical resources to company's departments;

Updating BMC and BIOS/UEFI servers firmware, including from in-house repository;

Hardware configuration identity monitoring;

IP address management, configuring network hardware and virtual networks.



DCImanager interface

host

MoDiSo

DC map

Racks

Servers

MoDiSo > Racks > Main rack

100% used

40U of 48U in use

4U reserved

4U service

0U available

Add equipment piece by piece

edit delete

IP pool

By default

edit

Equipment

Temperature

Servers

Chassis

Switches

Power distribution units

UPS

host

MoDiSo

DC map

Racks

Servers

MoDiSo

Build DC

Equipment status

Temperature

110%

5 servers have been selected

Restart

Power on (3)

Power off (2)

More

Generate report (5)

20 servers

on page: 25

1 of 1

Name	ID	IP	Platform	Host	Owner	Rack and unit	BMC IP address	Network	Power	Status	Note
Blade server 20	20	192.168.0.19	SuperMicro Su...	dc16.20.ser...		Main rack, U: 32...	10.0.2.5	add	Off	No errors	
Blade server 19	19	192.168.0.18	SuperMicro Su...	dc16.19.ser...		Main rack, U: 32...	10.0.2.3	add	Off	No errors	
Blade server 18	18	192.168.0.19	SuperMicro Su...	dc16.18.ser...		Main rack, U: 32...	10.0.2.2	add	On	No errors	
Blade server 17	17	192.168.0.18	SuperMicro Su...	dc16.17.ser...		Main rack, U: 32...	10.0.1.1		Off	1 error	
Small server 16	16	192.168.0.17	SuperMicro Su...	dc16.16.ser...		Main rack, U: 11	10.0.2.7		Off	No errors	

Install OS from a template

Discard

About rack

0-unit device

There are no 0-unit devices yet.

Reports

Will be generated for all servers of this rack:

Basic Systems Report

Information about the main systems

Firmware Report

Information about firmware

Hardware Inventory Report

Information about components

Additional parameters

There are no additional parameters yet.

Add more parameters via API to make

and keep track of the equipment settings you

need.

Enter API

Read in the documentation

MoDiSo > Racks > Main rack

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Read in the documentation

Data storage system

You can now manage storage systems both in racks and in storage (warehouse), and account for their interconnectivity, as well as their connections to other server hardware.

dcimanager
infrastructure

Rome

DC map

Racks

Servers

Storage

Equipment

Storage

0

Total: 2 On page: 25 1 of 1

Name/ID	Storage chassis	Module slots	Drives installed	Number of ports	Rack and unit	Note
NL410-1 #2	dell isilon nl410 Head unit	0 / 1	—	—	r1, U: 21-24 (4U)	—
ME5012-1 #1	DELL ME5012 Head unit	2 / 2	—	26	r1, U: 19-20 (2U)	—

Add a storage chassis



dcimanager
infrastructure

Rome

DC map

Racks

Servers

Storage

Equipment

Networks

Templates

Inventory management

Users

Rome > Storage > #1

ME5012-1

In rack

r1, U: 19-20 (2U)

Modules in slots: 2 / 2

All operations

Settings

Handler

Modules

Components

Power supplies

Connections

IP

Warehouse accounting

Modules

0

Total: 2 On page: 25 1 of 1

Name	ID	Connected to	Model	ET	FC	HBA	Note
Controller-ME50...	1	—	ME5012	5	4	4	...
Controller-ME50...	2	—	ME5012	5	4	4	...

+ Add controller

DCImanager allows to

Manage servers on a physical level



Manage server-related inventory

Switches, PDU, UPS



Monitor hardware and server “health”



Manage IP



Manage VLAN



Manage inventory and components



DCImanager key features

Management of geographically distributed infrastructure

Monitoring the entire infrastructure in a single interface, even if you have several data centers.

Visualization of hardware location in racks and in data centers

Visualization modules facilitate quick identification of free units and reserving them for your own hardware or for colocation.

Remote server management and status monitoring

DCImanager works remotely with a farm of servers by various manufacturers. The Storage Module in DCImanager automates the management of storage systems and disk arrays.

Inventory management using ITAM

DCImanager facilitates IT asset management at all stages of life cycle – from purchasing to decommissioning.

Address space accounting and management (IPAM)

DCImanager facilitates IP address management. The platform supports addresses of IPv4 and IPv6 standards.

Problem notification

Notification system monitors all key parameters of hardware in DCImanager and notifies administrators in the event of incidents.

ISPsystem ecosystem product implementation success stories



PQ.Hosting international hosting provider

Experience

Task

- PQ.Hosting required integrated software solution, which would allow to launch commercial services quickly, optimize business and automate provisioning of all kinds of hosting services to clients of any size from anywhere globally

Solution

Application of ISPsystem products in this project allowed PQ.Hosting team to be successful in implementing all types of hosting services for more than four years, while its representation in various countries has been growing and its business turnover has been doubling on a year-to-year basis. Not only the platforms are tailored to address hosting providers tasks, but also efficient in combination as a single ecosystem.

Recipe for quick launch of commercial services is simple:

- DCImanager for inventory management and dedicated server provisioning.
- VMmanager for VDS/VPS provisioning and virtualization.
- BILLmanager for IT service sales, service management and reporting.

Profit

Company's roadmap includes its own IT infrastructure scaling in new geographical locations and expanding the pool of functions in ISPsystem ecosystem solutions.

Licensing DCImanager Infrastructure

Full platform functionality is available after purchasing DCImanager Infrastructure master server license as well as licenses for every unit of controllable inventory (servers, switches, PDU and etc.).

[More information about licensing](#)

Minimum order quantity

5 units

Inventory management module is chargeable in packages

5 000 units each

Get a trial

Buy



Documentation and useful links

**DCImanager
support hardware
of popular vendors**



ASRock, ASUS, Cisco, DELL, ETegro Technologies, Gigabyte Technology Co.,HP, Intel Corporation, Micro-Star International Co., Supermicro, MSI, Arista, Brocade, D-Link, Juniper, Huawei, Eaton, Eltex, MikroTik, APC

**Administrator
DCImanager
technical
documentation**



**User DCImanager
technical
documentation**



RoadMap



Changelog



News and blog



 dcimanager

[Get a trial](#)

Meet DCImanager

Get a free trial version to find out more details about the platform!



ISP system product ecosystem

dcimanager

Managing server and other multivendor physical IT infrastructure

80k+ servers managed

8k servers in one location

56 locations in one DCImanager

Over 300 clients worldwide

vmmanager

Creating high-availability server virtualization environment

300k+ virtual machines managed

12k virtual machines in one cluster

56 clusters in one VMmanager

1000+ companies using VMmanager

billmanager

Managing and analyzing IT infrastructure

500+ active installations

The platform is certified for servicing over **50 million** customers within a single installation

2.5 million requests per day makes it the most loaded installation to date



Thank you for your time and keep in touch!

We will guide you through
and answer any questions

Useful links about ISPsystem products



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www.ispsystem.com

1-415-697-15-31 Support
1-213-371-02-52 Sales

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 billmanager

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