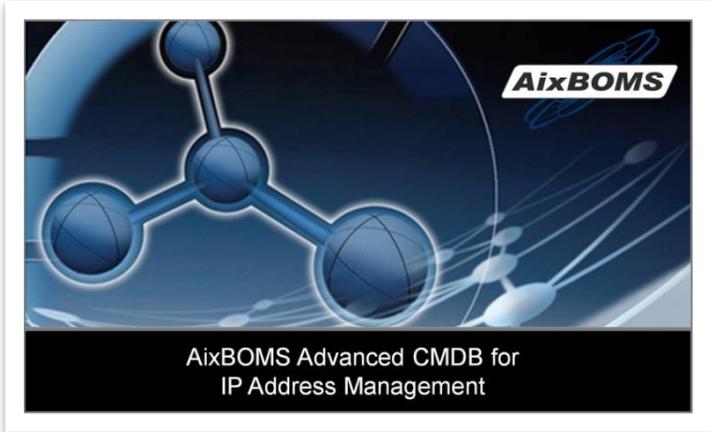


# What does AixBOMS offer in terms of DDI?

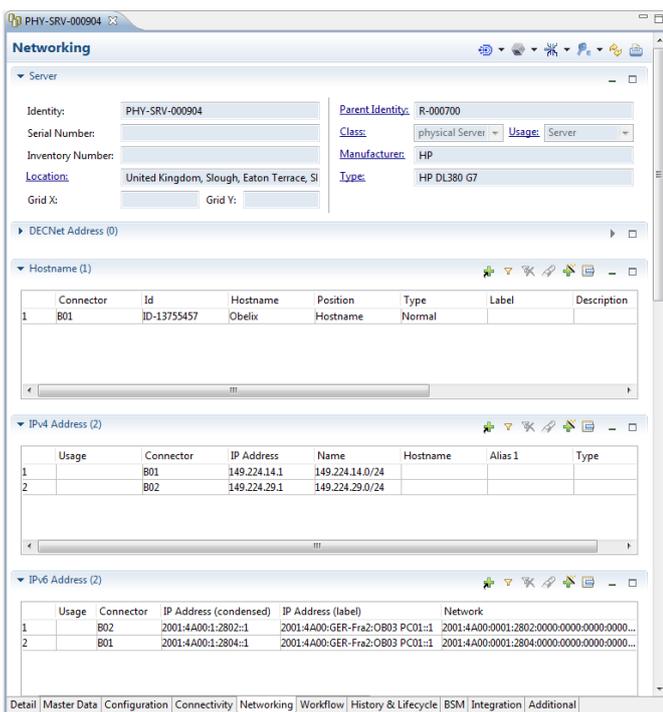
**DDI** is an acronym for three commonly used networking terms: **DNS** (Domain Name System), **DHCP** (Dynamic Host Configuration Protocol) and **IPAM** (IP Address Management).

## AixBOMS and IPAM

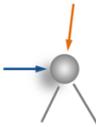
When comparing AixBOMS to other DDI solutions currently on the market, it quickly becomes clear that AixBOMS is fundamentally different from its competition in the IPAM field. Amongst the main reasons for this are its:



IPAM information for server



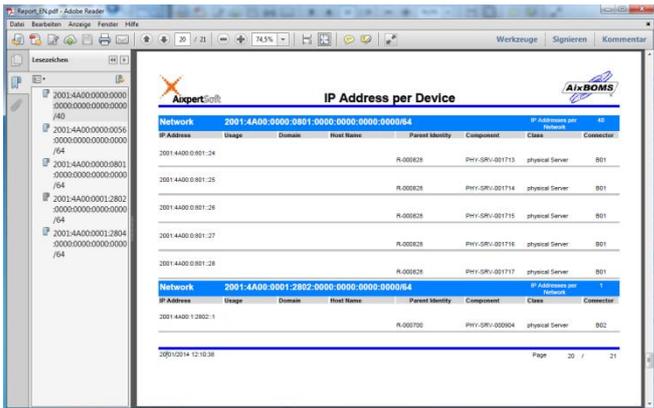
The screenshot shows the 'Networking' section for server 'PHY-SRV-000904'. It displays fields for Identity, Parent Identity, Serial Number, Inventory Number, Location, Grid X/Y, Class, Usage, Manufacturer, and Type. Below these are sections for DECNet Address (0), Hostname (1), IPv4 Address (2), and IPv6 Address (2), each with a table of associated data.



## Wide range of uses

In addition to standard network and address information, AixBOMS manages the technical data for all equipment and also the relationships to master data, such as people, contracts, organizations, cost centers, and more. All the necessary details—down to the port level—are taken into consideration, as are all of the other requirements for managing the physical, logical, and virtual components of sophisticated IT environments.

Reports: Overview of IPv6 address allocation



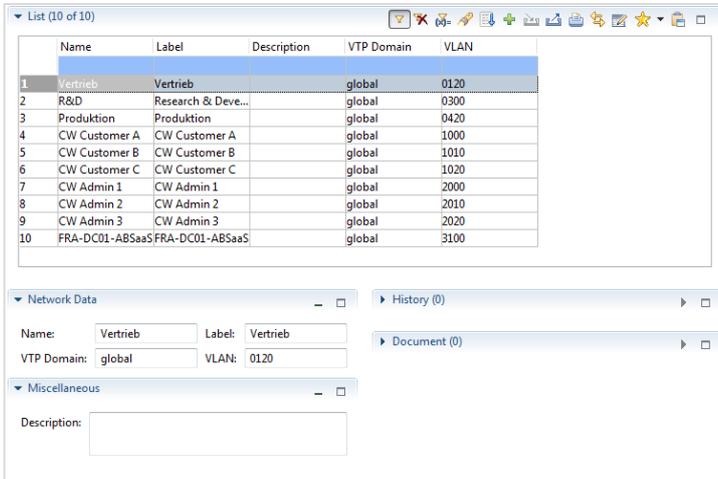
The screenshot shows a report titled 'IP Address per Device'. It displays a table with columns for Network, Usage, Domain, Host Name, Parent Identity, Component, Class, and Connector. The report lists IPv6 addresses and their allocation to physical servers.



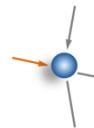
## Workflows and Reports

AixBOMS facilitates processing workflows for the planning, configuration, management, and enabling of subnetworks, reservations (e.g. DHCP pools), and individual addresses. Reports provide useful information about equipment architecture, networks, and IPv4 / IPv6 address allocation.

VLAN management



Name	Label	Description	VTP Domain	VLAN
1 Vertrieb	Vertrieb		global	0120
2 R&D	Research & Deve...		global	0300
3 Produktion	Produktion		global	0420
4 CW Customer A	CW Customer A		global	1000
5 CW Customer B	CW Customer B		global	1010
6 CW Customer C	CW Customer C		global	1020
7 CW Admin 1	CW Admin 1		global	2000
8 CW Admin 2	CW Admin 2		global	2010
9 CW Admin 3	CW Admin 3		global	2020
10 FRA-DC01-ABSaaS	FRA-DC01-ABSaaS		global	3100



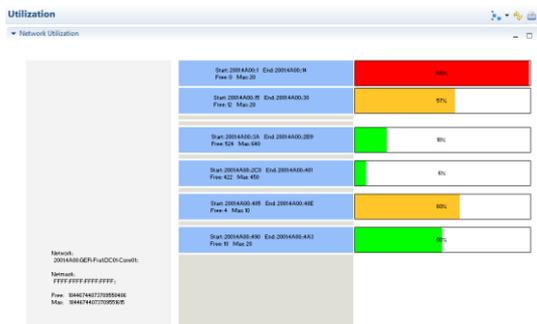
## Logical Information

Logical information such as network access groups and VLANs (Virtual Local Area Network) can also be represented in AxBOMS.

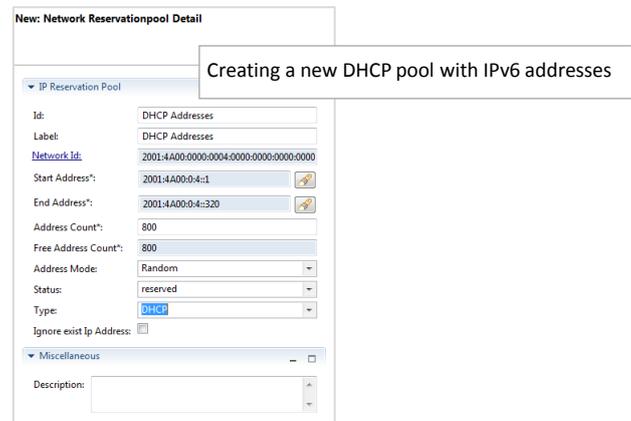
A template manager and an organizational concept for vast network structures are also included.

## AixBOMS and DHCP

AixBOMS manages address ranges and pools for the dynamic allocation (DHCP) of IP addresses, which can be handed over to one or more DHCP servers at the appropriate step of a rollout process. Alternatively, AixBOMS – with the help of custom interfaces – can pass addresses on to DDI tools that are already used by the customer.



Current utilization of individual address ranges



**New: Network Reservationpool Detail**

Creating a new DHCP pool with IPv6 addresses

IP Reservation Pool

Id: DHCP Addresses  
 Label: DHCP Addresses  
 Network Id: 2001:4A00:0000:0004:0000:0000:0000:0000  
 Start Address\*: 2001:4A00:04:1  
 End Address\*: 2001:4A00:04:320  
 Address Count\*: 800  
 Free Address Count\*: 800  
 Address Mode: Random  
 Status: reserved  
 Type: DHCP  
 Ignore exist Ip Address:

Miscellaneous

Description:

## AixBOMS and DNS

AixBOMS can also document DNS-related information and pass it on to a DNS service (or vice versa).



### AixBOMS does much more than just IPAM

AixBOMS sets itself apart from other IPAM tools with its project-based workflows and with its integration capabilities into other change processes à la ITIL.



### AixpertSoft provides a competitive edge through experience

AixBOMS users benefit from our many years of experience in DDI and working with existing customer toolsets, in addition to other key areas such as network organization, dual stack, and address management for virtual, logical, and physical equipment.