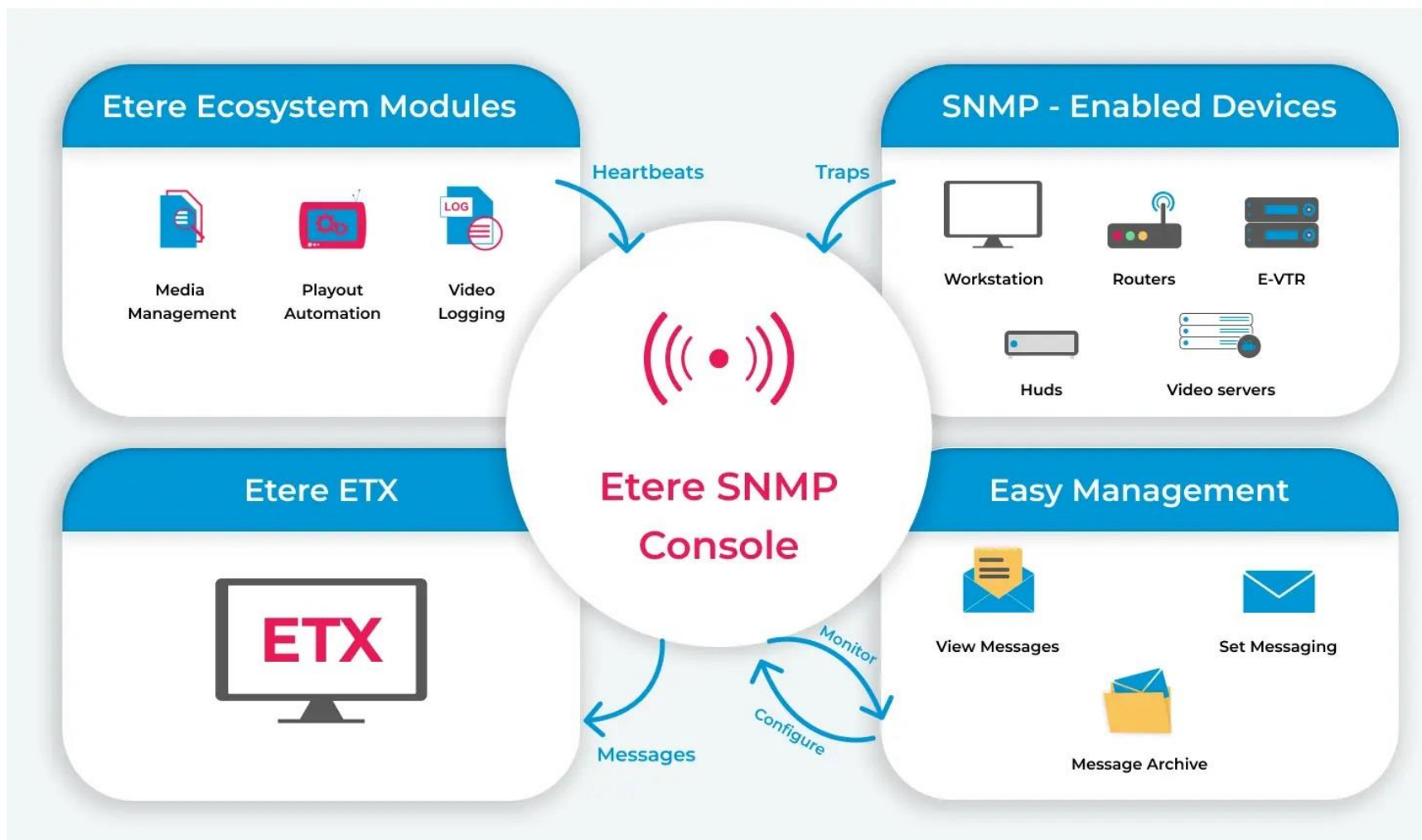


SNMP Console



CENTRALIZED REAL-TIME SYSTEM MONITORING

Etere
a consistent system



Etere
a consistent system

Graphic Tool

- The SNMP console in Etere has been completely re-designed
- The console is also the Etere graphic configuration tool
- Creating a simple graphic you can describe how the system is connected, and how many object you have
- Etere console allows to insert Etere devices but also non Etere as network switches, routers, firewalls
- Different connections (SDI, Ethernet, GPI, rs422) have different colors

Central Information Repository

- The SNMP console is able to store for every devices
 - The configuration details (IP, drives, add on boards)
 - The SNMP error log
 - Your operation log (as VTR heads changed)
 - All the service manuals using the integrated document management
 - The position in the Racks, to find it easily

Configure SNMP Messages

SNMP Console
connection parameters

The screenshot shows the 'Options' window for configuring SNMP messages. It has three tabs: 'Resource', 'Snmp', and 'Snmp filter'. The 'Snmp' tab is active, showing the following configuration:

- Parameters**
 - *Receive trap mode: ☒ By this console, ☐ By Windows service, ☐ None
- Messages validity (day)**
 - Information: 15
 - Warning: 60
 - Error: 90
 - Unknown: 90
- General**
 - Update every (sec.): 60
 - *Live check every (min.): 20
 - ☒ Receive not-Etere message
- *Processes monitor**
 - *Check every (sec.): 900
 - ☒ *Workflow loop
 - ☒ *SQL Agent failure
 - ☒ *SQL Service broker failure
- E-mail**
 - Smtp IP: 172.31.230.6
 - Smtp port: 25
 - Email from: michael.vasquezotazu@
 - Login type: None
 - Account: michael
 - Password: [masked]
 - Test button
- Snmp send trap test**
 - Error code: 1
 - Severity: 2
 - Test button

Filters

Options

Resource Snmp Snmp filter

Name

Only-By-Michael

RECEIVE-ALL

ETERE-AUTO-FILTER

Only-Errors

Filter 01

Filter 02

Filter name: Only-By-Michael Active: ☐

General

Owner: Description:

Login name: Michael Pc name:

Installation: Etere 20.0.1

Severity

☒ Information ☒ Warning ☒ Error ☒ Unknown

Error code

From: 0 To: 16777215

IP address

From: 172.31.230.0 To: 172.31.230.255

Action

☒ Manage ☐ Archive ☐ Only re-send ☐ *Manage and re-send ☐ Discard

Alarm type

☒ Send email To email address: michael.vasquezotazu@etere.eu

☐ Send sms Subject (number):

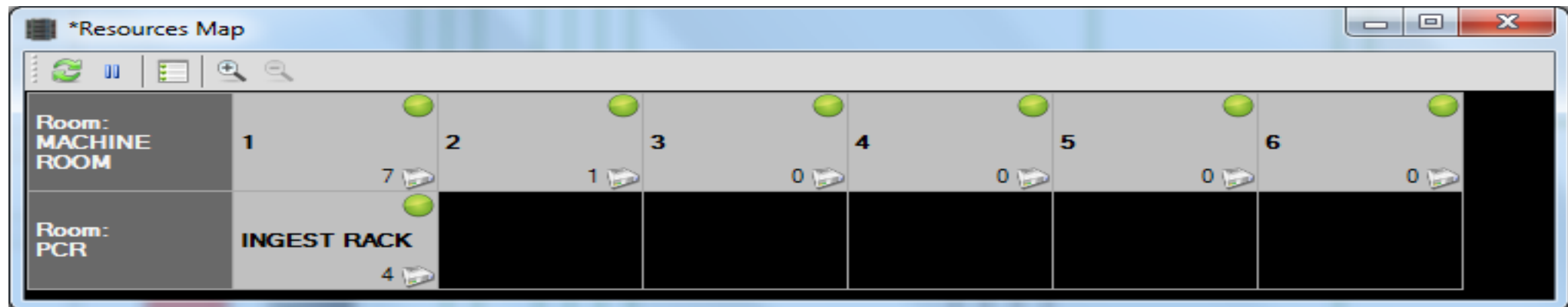
☒ Sound File Name: C:\windows\media\notify.wav

New Apply

Create FILTERS to receive only those messages which are “relevant” to you

Room View

- This room view allows you to see all the station in one single view
- An error in a room and rack is displayed as red light



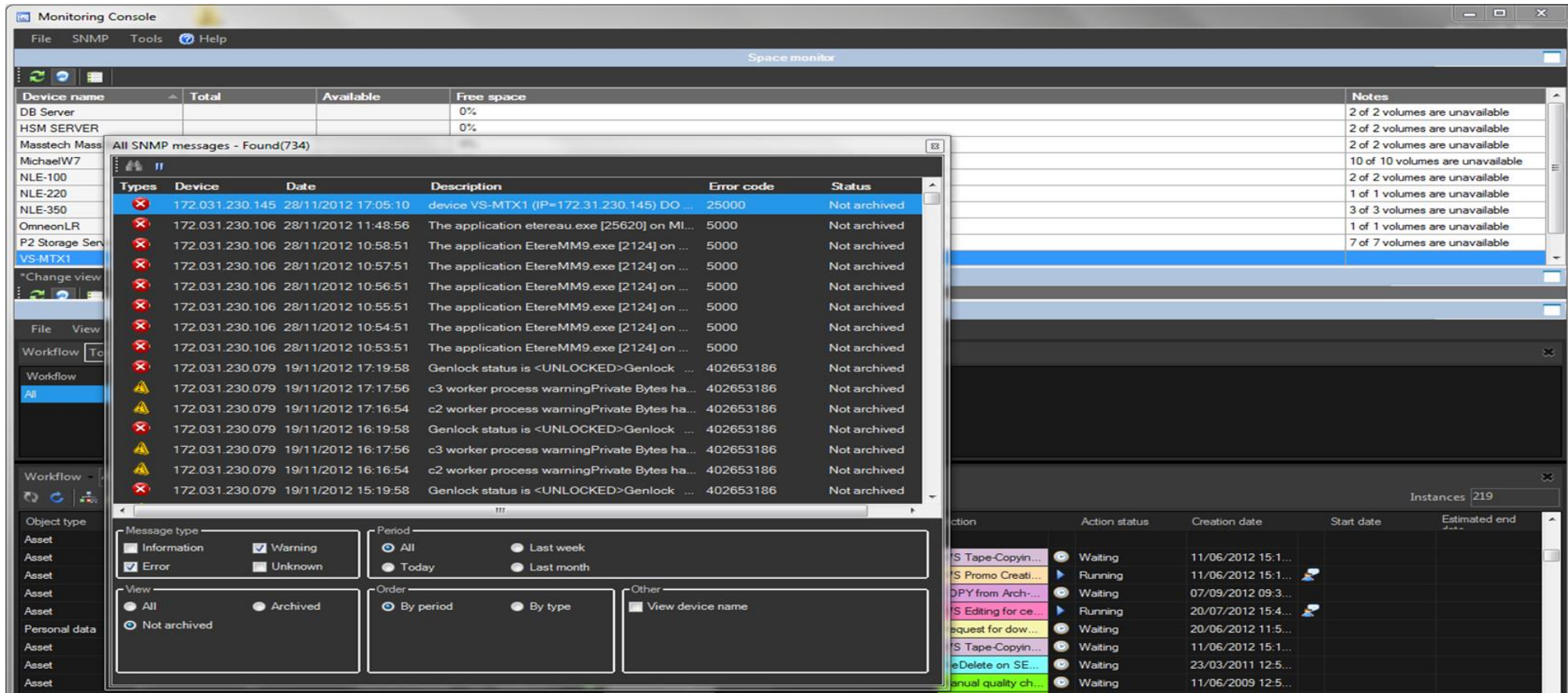
Rack Details

*Resources Map

Room: MACHINE ROOM

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------|-------------|-----------------|---------|---------|----|
| 24 | 24 | 24 | 24 | 24 | 24 |
| 23 | 23 | 23 | 23 | 23 | 23 |
| 22 | 22 | 22 | 22 | 22 | 22 |
| 21 | 21 | 21 | 21 | 21 | 21 |
| 20 | 20 | 20 | 20 | 20 | 20 |
| 19 | 19 | 19 | 19 | 19 | 19 |
| 18 | 18 | 18 | 18 | 18 | 18 |
| 17 | 17 | 17 | 17 | 17 | 17 |
| 16 | 16 | 16 | 16 | 16 | 16 |
| 15 | 15 | 15 | 15 | 15 | 15 |
| 14 | 14 | 14 | 14 | 14 | 14 |
| 13 | 13 | 13 | 13 | 13 | 13 |
| 12 | 12 | 12 | 12 | 12 | 12 |
| 11 | 11 | 11 | 11 | 11 | 11 |
| 10 | 10 | 10 | 10 | 10 | 10 |
| 9 | 9 | 9 | 9 | 9 | 9 |
| 8 | 8 | 8 | 8 | 8 | 8 |
| 7 | 7 | 7 | 7 | 7 | 7 |
| 6 | 6 | 6 | 6 | 6 | 6 |
| 5 | 5 | 5 | 5 | 5 | 5 |
| 4 | 4 | 4 | 4 | 4 | 4 |
| 3 | 3 | 3 | 3 | 3 | 3 |
| 2 | 2 | 2 | 2 | 2 | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 |
| NPort 1 | LTO LIBRARY | OMN6 | MDK2 | GSS4 | |
| NETWORK SWITCH | | | | PG4 | |
| | | | | STORAGE | |
| MTX | | | MDK3 | | |
| | | | MDK4 | | |
| MEMORY | | | MDK5 | | |
| TAPELESS RECEPTI... | | | | | |
| AUMAIN | | | | | |
| AUCLONE | | | | | |
| MTX LOGO | | HSM1 | PREVIEW | | |
| MASTER CONTROL | | HSM2 | | | |
| | | ETLIBRARYWS2008 | | | |

SNMP Error History



Service Log

The screenshot displays the Resources Editor software interface. On the left is a tree view of resources including Archives (ARCHIVIO, HSM, MDK), Channels (Channel 1, Channel 2 - LIGHT, Channel 3), Etere PC's (AUCLONEW7, ETBUGFIXEDW7, ETLIBRARYWS2008), Miscellaneous (HUB1, MDXA#01), Video Mixers (MAST1), Video Routers (C1), Video Servers (MDK1), and VTR (BETA). The main area shows a network diagram with a central HUB1 connected to various devices: ARCHIVIO (Hires tower memory), ETLIBRARYWS2008, HSM, ETBUGFIXED 3862, AUCLONEW7, and MDK. Overlaid on the diagram are three windows:

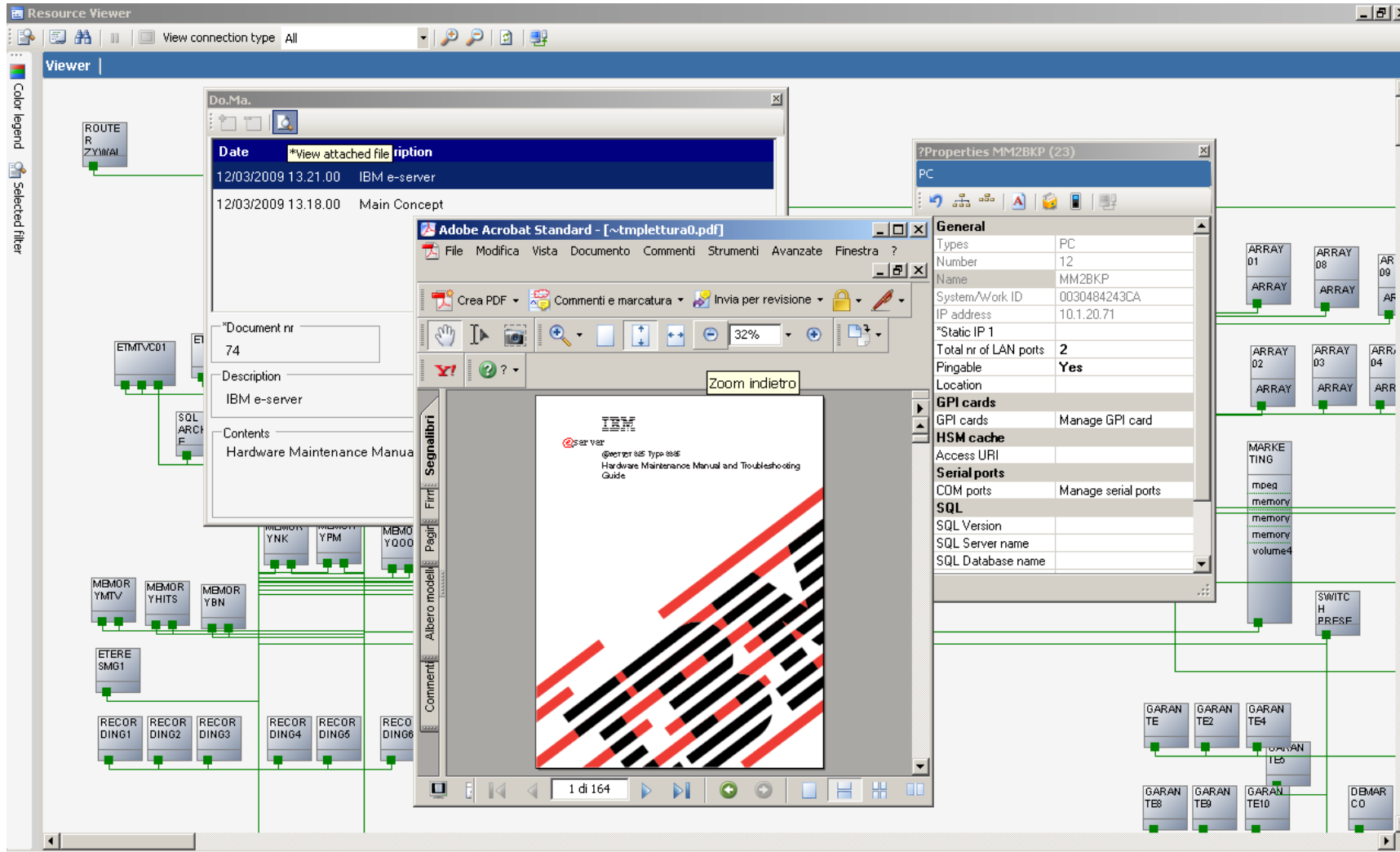
- Properties ARCHIVIO (23)**: A window titled "GENERIC SERVER STORAGE" with a "General" tab. It lists: Types (GSS), Number (1), Name (ARCHIVIO), IP address (blank), Pingable (No), Location (blank), and Volume (Manage volumes).
- Device log operation**: A window showing a log table with columns Date, Description, and User.

| Date | Description | User |
|---------------------|-------------------------|------|
| 01/06/2011 03.16.34 | Replaced hard disk #014 | sis |
| 10/07/2011 03.17.38 | Changed fan #2 | sis |
- Do.Ma.**: A window for document management. It shows a table with columns Date, Description, and User.

| Date | Description | User |
|---------------------|---------------------------|------|
| 10/07/2011 03.20.00 | Fan system service manual | |

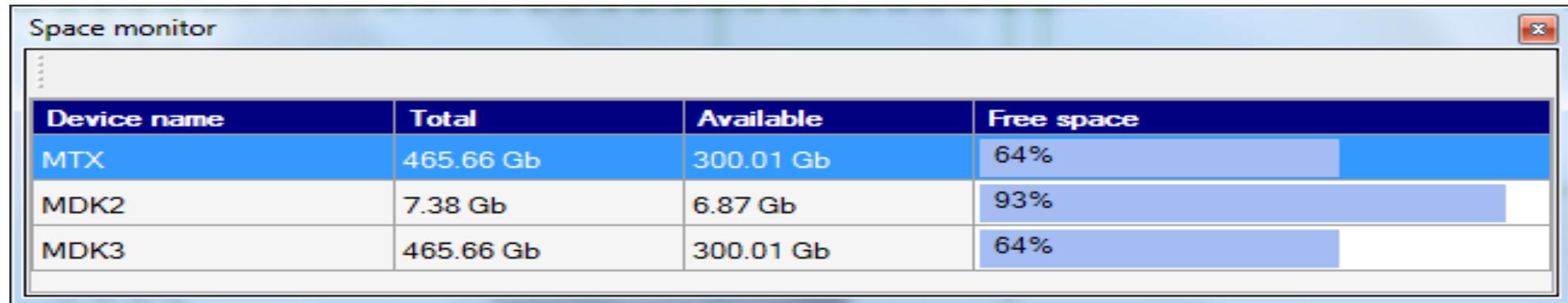
Below the table, it shows: Document nr (3), File type (.PDF), User (SIS), Description (Fan system service manual), and Contents (Fan system service manual).

Service Manuals



Space Monitor

- The space monitor control cloud and video server
- If a space threshold is reached selected workflows are launched until space go below limit
- Thresholds and workflows configurable



The screenshot shows a window titled "Space monitor" with a table of storage usage. The table has four columns: "Device name", "Total", "Available", and "Free space". The "Free space" column includes a percentage and a horizontal bar chart. The data is as follows:

| Device name | Total | Available | Free space |
|-------------|-----------|-----------|------------|
| MTX | 465.66 Gb | 300.01 Gb | 64% |
| MDK2 | 7.38 Gb | 6.87 Gb | 93% |
| MDK3 | 465.66 Gb | 300.01 Gb | 64% |

Workflow Monitoring

Monitoring Console

File SNMP Tools Help

Workflow monitor

File View

Workflow Total workflows Object Total objects Status Total status

| Workflow | Object | Status | Count |
|----------|--------|--------|-------|
| All | All | All | 398 |

Workflow All Object All Status All Exclude

Instances 157

| Object type | Object ID | Object code | Object description | Workflow | Workflow status | Deadline | Priority | Action | Action status | Creation date | Start date | Estimated end | Estimated | Parameters |
|-------------|-----------|--------------|--------------------|---------------------|-----------------|----------|----------|---------------------|---------------|--------------------|------------|---------------|-----------|------------|
| Asset | 1 | 2001 | 2001: A Space O... | TEST WF2 | Workflow active | | | ARCHIVE FROM... | Waiting | 18/02/2016 10:4... | | | | |
| Asset | 3 | ALIEN | ALIEN THE MOV... | CONTENT CHECK | Workflow fault | | | | | | | | | |
| Asset | 3 | ALIEN | ALIEN THE MOV... | Production | Workflow abort | | | | | | | | | |
| Asset | 3 | ALIEN | ALIEN THE MOV... | RESTORE | Workflow fault | | | | | | | | | |
| Asset | 8 | SKY | SKY SPOT | EDITING | Workflow active | | | APPROVAL | Running | 08/09/2012 12:2... | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | RESTORE | Workflow active | | | Restore from HSM | Waiting | 14/09/2014 16:3... | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | EDITING | Workflow active | | | Dubbing | Waiting | 18/02/2016 10:4... | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | DOWNLOAD RE... | Workflow active | | | DOWNLOAD RE... | Running | 31/01/2013 13:3... | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | Production | Workflow active | | | AudioDubbing by... | Waiting | 08/04/2013 15:4... | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | AFTER INGEST 2 | Workflow active | | | | | | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | CONTENT CHECK | Workflow abort | | | | | | | | | |
| Asset | 11 | ANALYZETHIS | ANALYZE THIS | Extract Audio Ch... | Workflow active | | | Extract Audio Ch... | Waiting | 18/02/2016 10:4... | | | | |
| Asset | 13 | FAF | FAST AND FURI... | EDITING | Workflow active | | | APPROVAL | Waiting | 23/02/2016 11:3... | | | | |
| Asset | 13 | FAF | FAST AND FURI... | AFTER INGEST | Workflow active | | | ARCHIVE FROM... | Waiting | 23/02/2016 11:0... | | | | |
| Asset | 13 | FAF | FAST AND FURI... | subtile | Workflow active | | | Subtile re-check | Waiting | 20/05/2014 13:5... | | | | |
| Asset | 13 | FAF | FAST AND FURI... | RESTORE | Workflow active | | | RESTORE FRO | Waiting | 14/09/2014 16:3... | | | | |
| Asset | 13 | FAF | FAST AND FURI... | censorship | Workflow active | | | edit for censorship | Waiting | 15/09/2014 10:5... | | | | |
| Asset | 35 | FTV_AQUA | AQUA BENDITA | Autocensor | Workflow active | | | Censor approve | Waiting | 30/05/2012 11:1... | | | | |
| Asset | 35 | FTV_AQUA | AQUA BENDITA | censorship | Workflow fault | | | | | | | | | |
| Asset | 36 | FTV_BLACKBOX | BLACKBOX WO... | censorship | Workflow fault | | | | | | | | | |
| Asset | 36 | FTV_BLACKBOX | BLACKBOX WO... | Autocensor | Workflow active | | | Censor approve | Waiting | 30/05/2012 11:1... | | | | |
| Asset | 36 | FTV_BLACKBOX | BLACKBOX WO... | AFTER INGEST | Workflow fault | | | | | | | | | |
| Asset | 37 | FTV_DESIGNER | FTV_DESIGNER | Autocensor | Workflow active | | | Censor approve | Waiting | 30/05/2012 11:1... | | | | |
| Asset | 37 | FTV_DESIGNER | FTV_DESIGNER | censorship | Workflow active | | | edit for censorship | Waiting | 17/03/2016 17:2... | | | | |
| Asset | 37 | FTV_DESIGNER | FTV_DESIGNER | EDITING | Workflow active | | | Dubbing | Waiting | 10/09/2012 12:4... | | | | |
| Asset | 37 | FTV_DESIGNER | FTV_DESIGNER | ActionTest EDITI... | Workflow active | | | EDITING | Running | 17/03/2016 17:3... | | | | |
| Asset | 37 | FTV_DESIGNER | FTV_DESIGNER | ActionTest DOW... | Workflow active | | | DOWNLOAD FILE | Waiting | 17/03/2016 17:5... | | | | |
| Asset | 38 | FTV_KAREN | FTV_KAREN | CONTENT CHECK | Workflow active | | | APPROVAL | Waiting | 17/03/2016 18:2... | | | | |
| Asset | 40 | FTV_PARADE | STUDENT BEAC... | RESTORE | Workflow fault | | | | | | | | | |
| Asset | 42 | CSMMML001 | CSMMML001 | Production test | Workflow active | | | | | | | | | |

idle (00:09:13)

Thank you

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