



IP DIRECTOR 5.8 : MONITORING

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INTRODUCTION

This document describes the IP Director 5 monitoring interface.

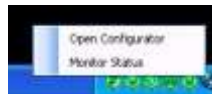
You will find the global description of every information provided by the monitoring interface

MONITOR STATUS

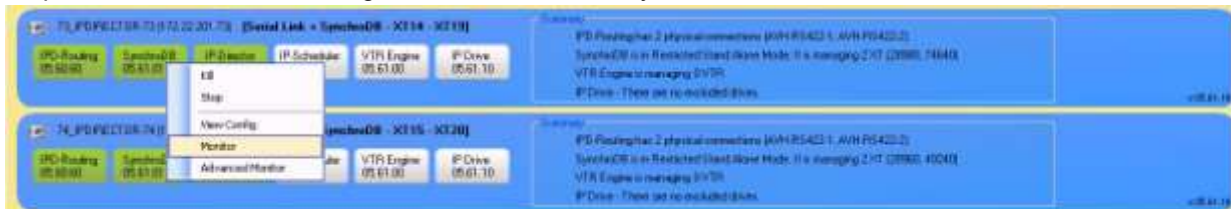
START MONITOR

How to start the monitoring interface :

- Right-click on the Remote Installer icon or a service icon in the taskbar and choose "Monitor Status"



- Open the Remote Installer, right-click on the service you want to monitor and choose "Monitor"



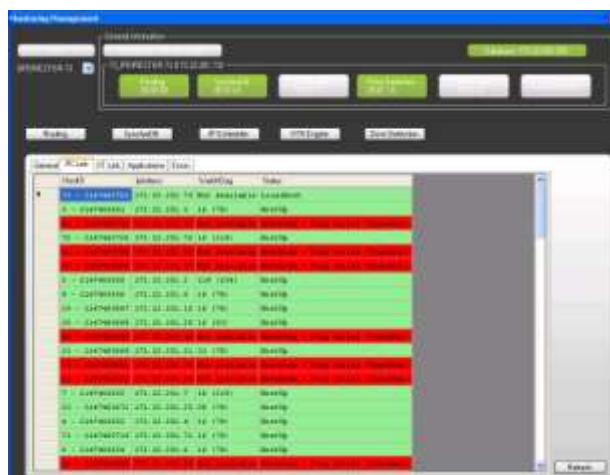
GLOBAL SCREEN



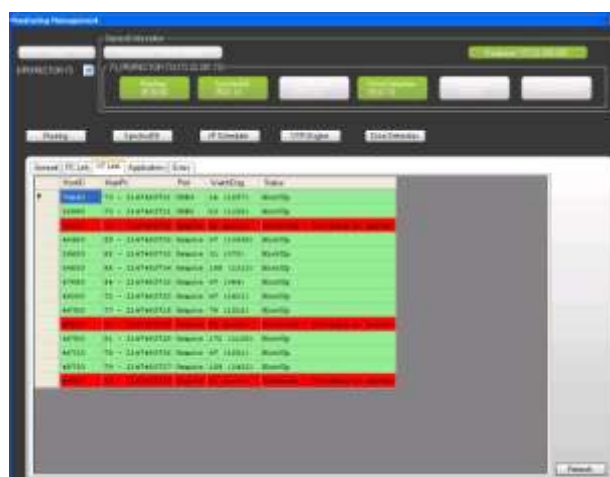
IP ROUTING



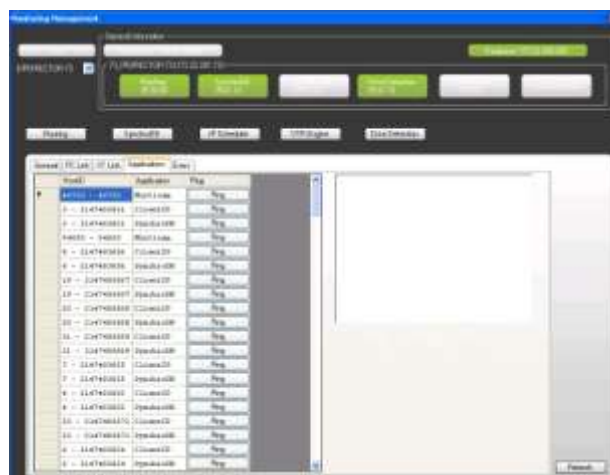
- **General** : shows the main information of the IP Routing service
 - o **Workgroup**
 - **Routing ID** : ID of the workstation in the IP Director routing
 - **Workgroup** : Workgroup name the IP Director belongs to
 - o **Count**
 - **PC (count/up)** : Number of IPD routing seen since the service startup / currently seen
 - **XT (count/up)** : Number of XT seen since the service startup / currently seen
 - o **Connections**
 - **Port** : List of the physical local ports available on the IPD
 - **RS port** : Name of the port used in IPD
 - **Host ID** : Serial number of the XT seen behind the RS422 link
 - **Watchdog** : Application ping between the routing and the XT (*current (highest)*)
 - **Status** : Status of the XT connection (up or down ?)
 - o **Lost links**
 - **TCP lost link** : Number of link lost with other IPD routing
 - **Serial lost link** : Number of link lost with XTs locally connected



- **PC Link :** List of the links with the other IP routing services in the workgroup
 - o **HostID :** Routing ID of the IP routing service
 - o **IpAddress :** IP-Director IP address
 - o **WatchDog :** Application ping between the routing services (current (highest))
 - o **Status :** IP routing connection status



- **XT Link :** List of the links with XTs (locally connected or remote)
 - o **HostID :** XT serial number
 - o **MainPC :** ID of the IP Director physically connected to the XT
 - o **Port :** local port used to connect the XT (remote if the XT is connected to another IPD)
 - o **WatchDog :** Application ping between the routing and the XT (current (highest))
 - o **Status :** XT RS422 connection status



- **Applications :** List of the application having a connection on the IP routing
 - o **HostID :** Routing ID of the connected IP Director
 - o **Application :** Application connected to the routing service
 - o **Ping :** button to launch an application ping between the routing and the remote app.
- **Errors (not implemented)**

SYNCHRO DB



- **General :** shows the main information of the SynchroDB service
 - o **Status**
 - **SynchroDB :** SynchroDB service status
 - **Master Role :** Master status (None, Master candidate or Master)
 - **LSM Sharing Mode :** XT management mode (None, Network or RestrictedStandAlone)



- **Directory Sharing Mode** : Nearline management mode (None, Network or RestrictedStandAlone)
- **Associations** :
- **Connection**
 - **DB Connection** : Database connection status
 - **DB Server** : Database server IP address
 - **AVSP connection** : Routing connection status
 - **Machine ID** : ID of the workstation in the IP Director routing
 - **Master ID** : Routing ID of the Master SynchroDB
 - **Static Socket** : Application number used to connect to the routing service
- **Management**
 - **LSM Management** : List of the XTs managed by this SynchroDB
 - **ID Lsm** : SerialNumber of the XT
 - **Via SDTI** : False if the XT has a RS connection to an IPD
 - **Management Status** : XT management status. Values could be :
 - **Do not update** if the XT is not managed yet
 - **Getting ... (Gbl info, clips, playlists,...)** when the SynchroDB uploads the XT metadata to the database
 - **Up to Date** if the XT and the database are in sync
 - **Error** if the SynchroDB has a problem to upload XT metadata
 - **Nb Rec** : Recorder number seen on the XT
 - **Directory Management** : List of the nearlines managed by this synchroDB
 - **Nearline path** : UNC path to the nearline
 - **Management status** : Nearline management status

ID	Resource Name	ID Managing	Via SDTI	Nb Rec	Management Status
00000	01 01 01	00000	False	00	Do Not Update
00001	02 02 02	00001	False	01	Do Not Update
00002	03 03 03	00002	False	02	Do Not Update
00003	04 04 04	00003	False	03	Do Not Update
00004	05 05 05	00004	True	04	Do Not Update
00005	06 06 06	00005	True	05	Do Not Update
00006	07 07 07	00006	True	06	Do Not Update
00007	08 08 08	00007	True	07	Do Not Update
00008	09 09 09	00008	True	08	Do Not Update
00009	10 10 10	00009	True	09	Do Not Update
00010	11 11 11	00010	True	10	Do Not Update
00011	12 12 12	00011	True	11	Do Not Update
00012	13 13 13	00012	True	12	Do Not Update
00013	14 14 14	00013	True	13	Do Not Update
00014	15 15 15	00014	True	14	Do Not Update
00015	16 16 16	00015	True	15	Do Not Update
00016	17 17 17	00016	True	16	Do Not Update
00017	18 18 18	00017	True	17	Do Not Update
00018	19 19 19	00018	True	18	Do Not Update
00019	20 20 20	00019	True	19	Do Not Update
00020	21 21 21	00020	True	20	Do Not Update
00021	22 22 22	00021	True	21	Do Not Update
00022	23 23 23	00022	True	22	Do Not Update
00023	24 24 24	00023	True	23	Do Not Update
00024	25 25 25	00024	True	24	Do Not Update
00025	26 26 26	00025	True	25	Do Not Update
00026	27 27 27	00026	True	26	Do Not Update
00027	28 28 28	00027	True	27	Do Not Update
00028	29 29 29	00028	True	28	Do Not Update
00029	30 30 30	00029	True	29	Do Not Update
00030	31 31 31	00030	True	30	Do Not Update

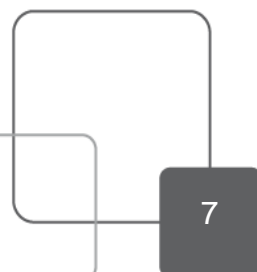
- **Share LSM List** : List of the XTs detected in the workgroup
 - **ID Lsm** : Serial Number of the XT
 - **Ressource Name** : Name of the XT
 - **ID Managing** : Serial Number of the XT physically linked to an IPD and used to manage this XT
 - **Via SDTI** : False if the XT has an RS connection to an IPD



- **Num User :** XT's User number on the SDTI network
- **ID SynchroDB :** Long ID of the SynchroDB managing the XT
- **Synchro Managing :** Short routing ID of the SynchroDB managing the XT
- **Management status :** XT management status
- **Nb Rec :** Recorder number seen on the XT

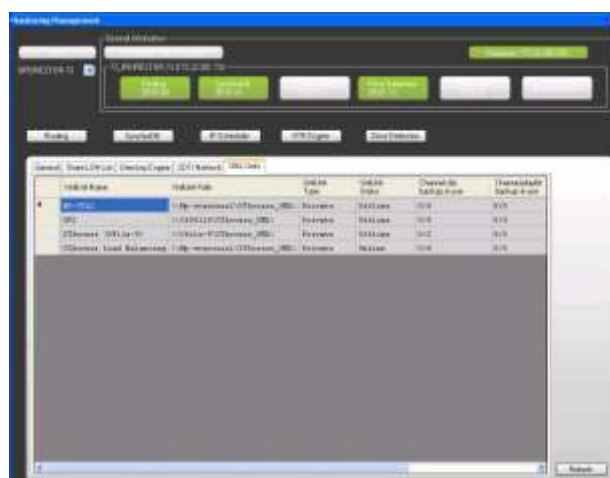
Resource ID	Resource type	Resource name	Synchro Request Managing	Synchro Managing	Watchdog
1000	Directory	Resource 1 (SynchroDB 1000)	10	10	10
1001	Directory	Resource 2 (SynchroDB 1001)	11	11	11
1002	Directory	Resource 3 (SynchroDB 1002)	12	12	12
1003	Directory	Resource 4 (SynchroDB 1003)	13	13	13
1004	Directory	Resource 5 (SynchroDB 1004)	14	14	14
1005	Directory	Resource 6 (SynchroDB 1005)	15	15	15
1006	Directory	Resource 7 (SynchroDB 1006)	16	16	16
1007	Directory	Resource 8 (SynchroDB 1007)	17	17	17
1008	Directory	Resource 9 (SynchroDB 1008)	18	18	18
1009	Directory	Resource 10 (SynchroDB 1009)	19	19	19

- **Directory Engine :** List of the nearline directories detected in the workgroup
 - **Ressource ID :** database ID of the nearline
 - **Ressource type :** Nearline type (Directory only)
 - **Ressource name :** Nearline name
 - **Synchro Request Managing :** Routing ID of the SynchroDB that **will** manage the directory
 - **Synchro managing :** Routing ID of the SynchroDB currently managing this directory
 - **Watchdog managing :** Management livebit
 - **Ressource management mode :** Directory Sharing Mode on the managing SynchroDB
 - **Path :** UNC path to the directory
 - **File to treat :** number of file still in the processing queue
 - **Last message :** message returned by the last file treatment
 - **Ressource state :** Nearline management status
 - **Ressource accessible :** Is the directory available on the network and accessible by the managing SynchroDB ?





- **SDTI Network :** List of the XT detected in the workgroup and the SDTI network they belong to
 - o **NumUser :** XT's User number on its SDTI network
 - o **Machine Id :** XT Serial number
 - o **Network Id :** SDTI network id the XT is connected to (internal in IPD)



- **XML Units :** List of the XMLUnits configured in the workgroup
 - o **XMLUnit name :** Name of the XMLUnit
 - o **XMLUnit path :** UNC path to the XMLUnit
 - o **XMLUnit type :**
 - o **XMLUnit status :** Is the XMLUnit accessible and used by a backup device (XTAccess or Xfile)?
 - o **Channel clip backup in use :** Number of channels used for clip backup (used/available)
 - o **Channel playlist backup in use :** Number of channels used for playlist backup (used/avail.)
 - o **Channel stream in use :** Number of channels used for stream (used/available)
 - o **Channel XTgateway in use :** Number of channels used by XTGateway (used/available)



IP SCHEDULER



- **General** : shows the main information of the IP Scheduler service
 - o **Status**
 - **Scheduler status** : IP Scheduler service status
 - **Role** : IP Scheduler master role (MASTER if it is the processing service, WAITING if it is a backup service)
 - **Master ID** : Routing ID of the Master IP Scheduler
 - o **Connection**
 - **AVSP Connection** : Routing connection status
 - **Machine ID** : ID of the workstation in the IP Director routing
 - **Static socket** : Application number used to connect to the routing service
 - **SynchroDB connection** : SynchroDB connection status
 - **Database connection** : Database connection status
 - **Server** : Database server IP address



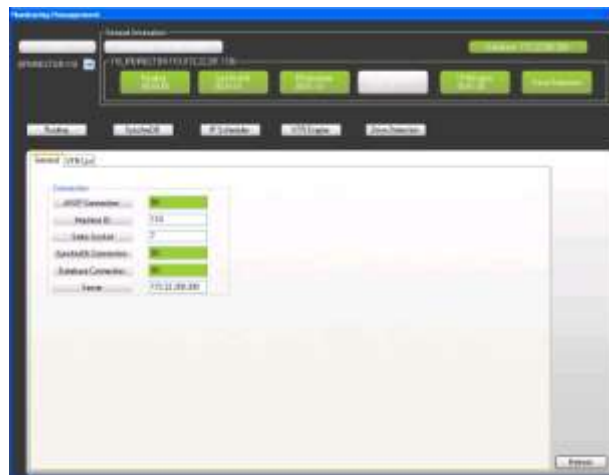
- **Running Jobs :** List of the IP Scheduler jobs running on the IP Director
 - o **JobID :** IP Scheduler job database ID
 - o **Status :** Job running status
 - o **Message :** last job message
 - o **Type :** IP Scheduler job type (EVS_To_DB, IDF_To_EVS,...)
 - o **Description :** IP Scheduler job description
 - o **Periodicity :** Execution frequency
 - o **Last execution :** Last job execution time
 - o **Next execution :** Next job execution time
 - o **ExecuteBy :** Routing ID of the processing IP Scheduler service
 - o **Error :** has the last execution returned an error ?



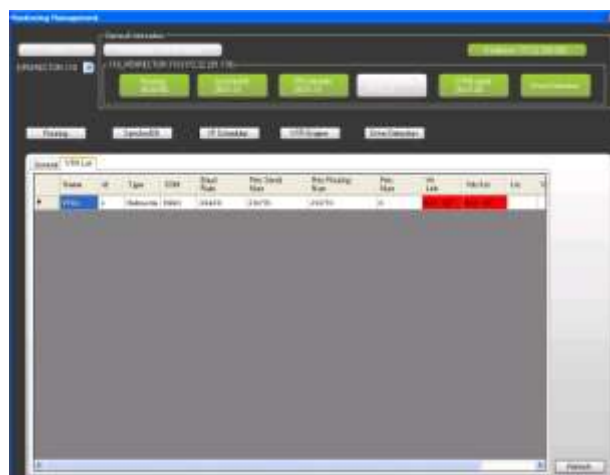
- **Existing Jobs :** List of the IP Scheduler jobs defined in the workgroup
 - o **JobID :** IP Scheduler job database ID
 - o **Status :** Job running status
 - o **Name :** IP Scheduler job type (EVS_To_DB, IDF_To_EVS,...)

- **Description :** IP Scheduler job description
- **PeriodValue :** Execution frequency value
- **Unit :** Execution frequency unit
- **Last execution :** Last job execution time
- **Next execution :** Next job execution time
- **ExecuteBy :** Routing ID of the processing IP Scheduler service
- **Error :** has the last execution returned an error ?

VTR ENGINE



- **General :** shows the main information of the VTR Engine service
 - **Connection**
 - **AVSP Connection :** Routing connection status
 - **Machine ID :** ID of the workstation in the IP routing
 - **Static socket :** Application number used to connect to the routing service
 - **SynchroDB Connection :** SynchroDB connection status
 - **Database Connection :** Database connection status
 - **Server :** Database server IP address



- **VTR List :** List of VTRs managed by the VTR Engine
 - o **Name :** VTR name (from the VTR Engine config)
 - o **ID :** VTR internal ID
 - o **Type :** VTR type
 - o **COM :** COM port used to connect the VTR on the IPD
 - o **Baud Rate :** Baud rate used in the RS connection
 - o **Rec Serial Num :** Serial number of the XT linked to the VTR in the VTR Engine config
 - o **Rec Routing Num :** Serial number of the XT used to manage the Linked XT
 - o **Rec Num :** Recorder number linked to the VTR in the VTR Engine config
 - o **VTR Link :** VTR link status
 - o **VITC/LTC :** association status of the VITC and LTC on the recording XT (called Delta)
 - o **LTC :** LTC value
 - o **VITC :** VITC value
 - o **Error :** last error returned by the service

IP DRIVE (AKA DRIVE DETECTOR)

Monitoring not implemented in this version