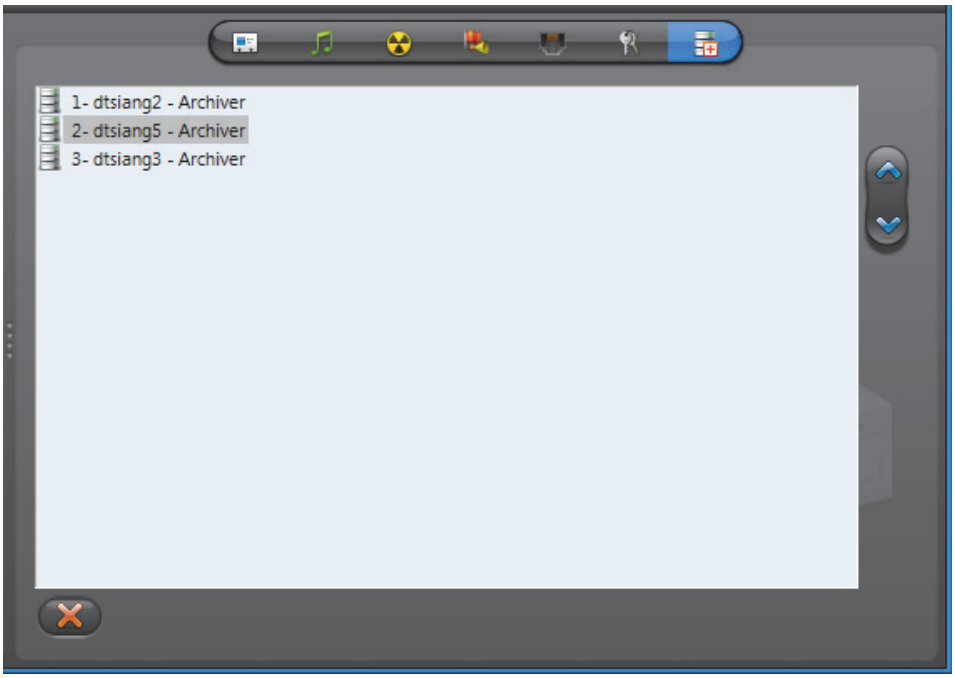
Standby Archivers

Description

The **Standby Archivers** tab lets you define an Archiver failover list for this unit.



Archiver failover list

The Archivers appearing in this list are the ones that have been configured to control this unit. The Archiver that appears at the top of the list is called the **primary Archiver**. It is the one that should be controlling the unit in normal situations. If the primary Archiver fails, then the control of the unit will be transferred to the next Archiver in line. See *System Concepts – Archiver Availability* on page 17.

Redundant archiving

When the standby Archivers are not acting as the primary Archiver, they can be used to produce redundant archives. **Redundant archiving** is a feature that can be turned on or off on a camera by camera basis. See Camera – *Recording settings* on page 248.

You may change the order of the standby Archivers with the and buttons.

NOTE A unit becomes associated to an Archiver either through automatic discovery or when it is added manually. The manual association can be done through the Discovery Tool or through the **Add a unit** dialog. See *Adding a unit manually* on page 405.

How the failover works

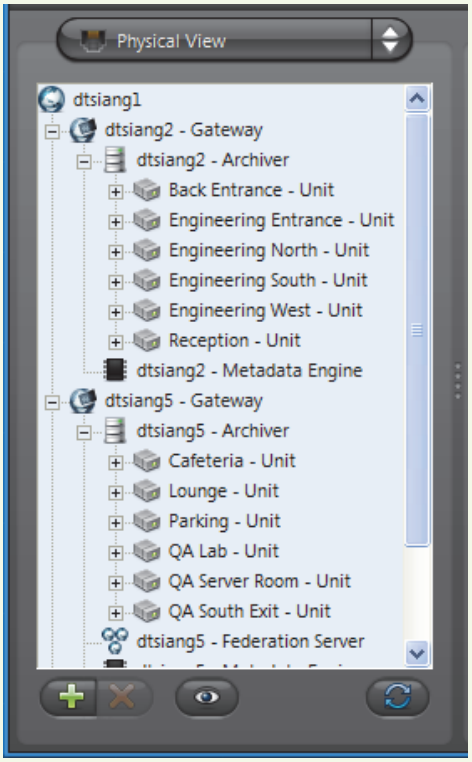
Each unit listens to commands from its primary Archiver on a specific port (see *Network settings* on page 412).

Archivers on the other hand, can be configured to communicate with multiple groups of units (see *Server Admin – Archiver Extensions* on page 97). Only one Archiver can be actively controlling a unit at any time.

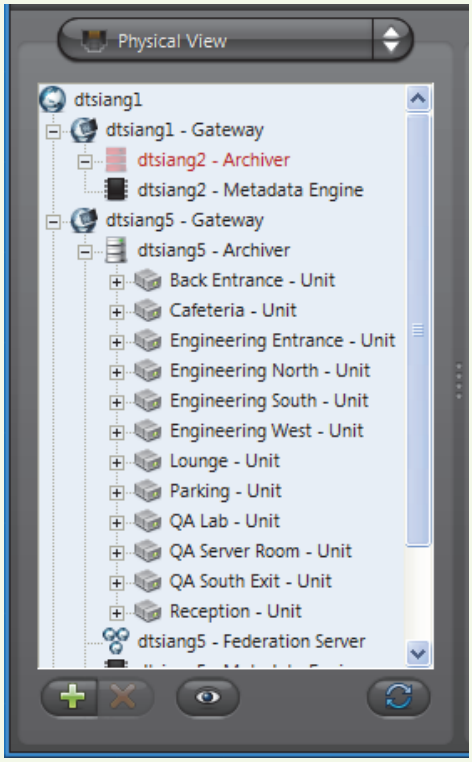
In the Physical view, the unit always appears under the Archiver that currently has control over it.

In the following example, we have 12 units evenly distributed between two Archivers. If one of them fails, all the units that were originally controlled by the one that failed are automatically transferred to the one that is still working.

Both Archivers working



One Archiver failed



NOTE Once an Archiver becomes part of a unit's failover list, it can no longer be removed from that list until it becomes inactive (shown in red).