# *DeviceType:V* Device Template Version 1.01

**For UPnP™ Version *1.0***
**Status: *[Design Start (TDS); Preliminary Design (TPD); Design Complete V.9 (TDC); Approved]***
**Date: *January 16, 2001***

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# 1. Overview and Scope

This device template is compliant with the Universal Plug and Play Architecture, Version *1.0*.

DeviceType:V provides the following functionality:

- *TBD*

This device template does not address:

- *TBD*

**Figure 1 *DeviceType:V* Functional Diagram**



## 1.1. Change Log

# 2. Device Definitions

## 2.1. Device Type

The following device type identifies a device that is compliant with this template:

urn:**schemas-upnp-org:device**:*DeviceTypeV*

## 2.2. Device Model

Products that expose devices of the type **urn:schemas-upnp-org:device:***deviceType:V* must implement minimum version numbers of all required embedded devices and services specified in the table below.

**Table 1: Device Requirements**

| DeviceType | Root | Req. or Opt.[1] | ServiceType | Req. or Opt.[1] | Service ID[2] |
|---|---|---|---|---|---|
| *deviceType:V* | *Root* | *R* | *serviceType1:V* | *R* | *ServiceId* |
| - | | | *serviceType2:V* | *R* | *ServiceId* |
| - | | | *serviceType3:V* | *O* | *ServiceId* |
| | | | *Non-standard services embedded by an UPnP vendor go here.* | X | TBD |
| *deviceTypeK:V* | | *R* | *serviceType1:V* | *R* | *ServiceId* |
| - | | | *serviceType4:V* | *R* | *ServiceId* |
| - | | | *serviceType4:V* | *O* | *ServiceId* |
| | | | *Non-standard services embedded by an UPnP vendor go here.* | X | TBD |
| *deviceTypeL:V* | | *R* | *serviceType1:V* | *R* | *ServiceId* |
| - | | | *ServiceType5:V* | *O* | *ServiceId* |
| *Etc.* | | | *Etc.* | *Etc.* | - |
| *Non-standard devices embedded by a UPnP vendor go here.* | *TBD* | *X* | *TBD* | *TBD* | *TBD* |

[1] R = Required, O = Optional, X = Non-standard.
[2] Prefixed by urn:**upnp-org**:**serviceId**: .

### 2.2.1. Description of Device Requirements

*Add any summary information regarding Device requirements or relationships here. Delete this entire section if you are not adding any summary information.*

### 2.2.2. Relationships Between Services

*Add any summary information regarding the relationships between Services here. Delete this entire section if you are not adding any summary information.*

## 2.3.   Theory of Operation

*Use this section to describe device functionality from the perspective of a user control point (that is; how does a user control point interact with this device to realize its functionality). This section, when combined with other sections of this template, should provide sufficient detail to aid understanding and implementation of UPnP-compatible interfaces.*

# 3.    XML Device Description

```xml
<?xml version="1.0"?>
<root xmlns="urn:schemas-upnp-org:device-1-0">
  <specVersion>
    <major>1</major>
    <minor>0</minor>
  </specVersion>
  <URLBase>base URL for all relative URLs</URLBase>
  <device>
    <deviceType>urn:schemas-upnp-org:device:deviceType:v</deviceType>
    <friendlyName>short user-friendly title</friendlyName>
    <manufacturer>manufacturer name</manufacturer>
    <manufacturerURL>URL to manufacturer site</manufacturerURL>
    <modelDescription>long user-friendly title</modelDescription>
    <modelName>model name</modelName>
    <modelNumber>model number</modelNumber>
    <modelURL>URL to model site</modelURL>
    <serialNumber>manufacturer's serial number</serialNumber>
    <UDN>uuid:UUID</UDN>
    <UPC>Universal Product Code</UPC>
    <iconList>
      <icon>
        <mimetype>image/format</mimetype>
        <width>horizontal pixels</width>
        <height>vertical pixels</height>
        <depth>color depth</depth>
        <url>URL to icon</url>
      </icon>
      XML to declare other icons, if any, go here
    </iconList>
    <serviceList>
      <service>
        <serviceType>urn:schemas-upnp-org:service:serviceType:v</serviceType>
        <serviceId>urn:upnp-org:serviceId:serviceID</serviceId>
        <SCPDURL>URL to service description</SCPDURL>
        <controlURL>URL for control</controlURL>
        <eventSubURL>URL for eventing</eventSubURL>
      </service>
      Declarations for other services defined by a UPnP Forum working
      committee (if any) go here
      Declarations for other services added by UPnP vendor (if any) go here
    </serviceList>
    <deviceList>
      Description of embedded devices defined by a UPnP Forum working
      committee (if any) go here
      Description of embedded devices added by UPnP vendor (if any) go here
    </deviceList>
    <presentationURL>URL for presentation</presentationURL>
  </device>
</root>
```

# 4. Test

*Required content of this section to be specified in revision 1a of this template.*

**Change History**

**Change Log for Version 1.0 (10-4-00)**

- Revised the Title Page to call out V1.0 of the Device Template

- Changed to be consistent with Sample Designs released to the Technical Committee

- Deleted the DeviceList from the title page.

- Updated Table 1 to shade boxes that do not require entry.