



# Cisco Unified IP Phone Services XML Schema File

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## Updated XML Parser and Schema Enforcement

In order to provide a stable and consistent platform upon which to build enhancements to IP phones services, Cisco released an updated XML parser beginning with Firmware Release 8.3(2). The Cisco Unified IP Phones 6921, 6941, 6945, and 6961 supports the XML parser from Firmware Release 9.1(1) onwards. As a result, many Cisco Unified IP Phones now contain this updated XML parser which provides a more rigid enforcement of the XML schema. This updated parser provides more error logging information when it encounters XML schema violations, and it enables developers to debug their applications more efficiently.

Cisco recommends that developers verify that their existing applications conform to the XML schema to avoid incompatibilities with any XML enhancements, particularly if you want to incorporate new URIs.

The following Cisco IP Phones implement this XML parser: 6921, 6941, 6945, 6961, 7906G, 7911G, 7921G, 7925G, 7925G-EX, 7926G, 7931G, 7941G, 7941G-GE, 7942G, 7945G, 7961G, 7961G-GE, 7962G, 7965G, 7970G, 7971G-GE, 7975G, 8800 Series, 8821, 8961, 9951, and 9971.



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**Note** The Cisco Unified IP Phones 7970G and 7971G-GE, and the Cisco Unified Wireless IP Phone 7921G are deprecated with Cisco Unified Communications Manager 12.0(1) and later. The phones still work on previous versions of Cisco Unified Communications Manager.

The Cisco Unified IP Phones 7902, 7905, 7910, and 7912, and the Cisco Unified Wireless IP Phone 7920 are deprecated with Cisco Unified Communications Manager 11.5(1) and later. The phones still work on previous versions of Cisco Unified Communications Manager.

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The XML parser behavior for specific phone models are noted in the following table:

Phone model	XML parser behavior
7937	The Cisco Unified IP Phone 7937 does not strictly follow the boundary conditions. When there is a parser error, the 7937 may not return error messages. But in certain cases it may reboot to correct a parsing error.

Phone model	XML parser behavior
7921G, 7925G, 7925G-EX, 7926G	The Cisco Unified Wireless IP Phones 7921G, 7925G, 7925G-EX, and 7926G XML parser returns error for unsupported XML objects and syntax errors. For values longer than specified length, the values are truncated.
8821	The Cisco Wireless IP Phone 8821 XML parser returns errors for unsupported XML objects and syntax errors.

**Related Topics**

[Deprecated Phone Models for Cisco Unified Communications Manager](#)

## CiscolPPhone.xsd



**Note** Cisco Unified IP Phones 6921, 6941, 6945, and 6961 do not support:

- NavLeft, NavRight, NavBack, and PushToTalk Key attributes
- CiscolPPhoneKeyType

The following code is the schema file.

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Cisco Systems, Inc. (Cisco Systems, Inc.) -->
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" attributeFormDefault="unqualified" version="3.3.4">
  <xsd:complexType name="CiscolPPhoneExecuteItemType">
    <xsd:attribute name="Priority" use="optional">
      <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedByte">
          <xsd:minInclusive value="0"/>
          <xsd:maxInclusive value="2"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:attribute>
    <xsd:attribute name="URL" use="required">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="256"/>
          <xsd:minLength value="1"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:attribute>
  </xsd:complexType>
  <xsd:complexType name="CiscolPPhoneResponseItemType">
    <xsd:sequence>
      <xsd:element name="Status" type="xsd:short"/>
      <xsd:element name="Data">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="32"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:schema>
```

```

    <xsd:element name="URL">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="256"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneTouchAreaMenuItemType">
  <xsd:sequence>
    <xsd:element name="Name" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="32"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="256"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TouchArea" type="CiscoIPPhoneTouchAreaType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneTouchAreaType">
  <xsd:attribute name="X1" type="xsd:unsignedShort" use="required"/>
  <xsd:attribute name="Y1" type="xsd:unsignedShort" use="required"/>
  <xsd:attribute name="X2" type="xsd:unsignedShort" use="required"/>
  <xsd:attribute name="Y2" type="xsd:unsignedShort" use="required"/>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneDirectoryEntryType">
  <xsd:sequence>
    <xsd:element name="Name" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="32"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Telephone" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="32"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneInputItemType">
  <xsd:sequence>
    <xsd:element name="DisplayName" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="32"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="QueryStringParam">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="32"/>
        <xsd:minLength value="1"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="InputFlags">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:enumeration value="A"/>
        <xsd:enumeration value="T"/>
        <xsd:enumeration value="N"/>
        <xsd:enumeration value="E"/>
        <xsd:enumeration value="U"/>
        <xsd:enumeration value="L"/>
        <xsd:enumeration value="AP"/>
        <xsd:enumeration value="TP"/>
        <xsd:enumeration value="NP"/>
        <xsd:enumeration value="EP"/>
        <xsd:enumeration value="UP"/>
        <xsd:enumeration value="LP"/>
        <xsd:enumeration value="PA"/>
        <xsd:enumeration value="PT"/>
        <xsd:enumeration value="PN"/>
        <xsd:enumeration value="PE"/>
        <xsd:enumeration value="PU"/>
        <xsd:enumeration value="PL"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="DefaultValue" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="32"/>
        <xsd:minLength value="0"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneMenuItemType">
  <xsd:sequence>
    <xsd:element name="Name" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="64"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="256"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

<xsd:complexType name="CiscoIPPhoneIconItemType">
  <xsd:sequence>
    <xsd:element name="Index" type="xsd:unsignedShort"/>
    <xsd:element name="Width">
      <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
          <xsd:minInclusive value="1"/>
          <xsd:maxInclusive value="16"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Height">
      <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
          <xsd:minInclusive value="1"/>
          <xsd:maxInclusive value="10"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Depth">
      <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
          <xsd:minInclusive value="1"/>
          <xsd:maxInclusive value="2"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Data" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:hexBinary">
          <xsd:maxLength value="40"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneIconMenuItemType">
  <xsd:sequence>
    <xsd:element name="Name" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="64"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="256"/>
          <xsd:minLength value="0"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IconIndex" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:short">
          <xsd:minInclusive value="0"/>
          <xsd:maxInclusive value="9"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>

```

```

</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneIconFileType">
  <xsd:sequence>
    <xsd:element name="Index">
      <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
          <xsd:minInclusive value="0"/>
          <xsd:maxInclusive value="9"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="1"/>
          <xsd:maxLength value="256"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CiscoIPPhoneKeyType">
  <xsd:sequence>
    <xsd:element name="Key">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:enumeration value="KeyPad0"/>
          <xsd:enumeration value="KeyPad1"/>
          <xsd:enumeration value="KeyPad2"/>
          <xsd:enumeration value="KeyPad3"/>
          <xsd:enumeration value="KeyPad4"/>
          <xsd:enumeration value="KeyPad5"/>
          <xsd:enumeration value="KeyPad6"/>
          <xsd:enumeration value="KeyPad7"/>
          <xsd:enumeration value="KeyPad8"/>
          <xsd:enumeration value="KeyPad9"/>
          <xsd:enumeration value="KeyPadStar"/>
          <xsd:enumeration value="KeyPadPound"/>
          <xsd:enumeration value="NavUp"/>
          <xsd:enumeration value="NavDown"/>
          <xsd:enumeration value="NavLeft"/>
          <xsd:enumeration value="NavRight"/>
          <xsd:enumeration value="NavSelect"/>
          <xsd:enumeration value="NavBack"/>
          <xsd:enumeration value="PushToTalk"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="256"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URLDown" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/>
          <xsd:maxLength value="256"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="CiscoIPPhoneSoftKeyType">
    <xsd:sequence>
      <xsd:element name="Name" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="32"/>
            <xsd:minLength value="0"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Position">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="8"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="URL" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="256"/>
            <xsd:minLength value="0"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="URLDown" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="256"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="CiscoIPPhoneDisplayableType">
    <xsd:sequence>
      <xsd:element name="Title" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="32"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Prompt" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="32"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="SoftKeyItem" type="CiscoIPPhoneSoftKeyType" minOccurs="0"
maxOccurs="8"/>
      <xsd:element name="KeyItem" type="CiscoIPPhoneKeyType" minOccurs="0" maxOccurs="32"/>
    </xsd:sequence>
    <xsd:attribute name="keypadTarget" use="optional" default="application">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">

```

```

        <xsd:enumeration value="application"/>
        <xsd:enumeration value="applicationCall"/>
        <xsd:enumeration value="activeCall"/>
    </xsd:restriction>
</xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="appId" use="optional">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="64"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="onAppFocusLost" use="optional">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="256"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="onAppFocusGained" use="optional">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="256"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="onAppMinimized" use="optional">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="256"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="onAppClosed" use="optional">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="256"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
</xsd:complexType>
<xsd:element name="CiscoIPPhoneExecute">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="ExecuteItem" type="CiscoIPPhoneExecuteItemType" maxOccurs="3"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="ResponseItem" type="CiscoIPPhoneResponseItemType" maxOccurs="3"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneError">
    <xsd:complexType>

```



```

        <xsd:attribute name="Number" type="xsd:unsignedShort" use="required"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneText">
    <xsd:complexType>
        <xsd:complexContent>
            <xsd:extension base="CiscoIPPhoneDisplayableType">
                <xsd:sequence>
                    <xsd:element name="Text" minOccurs="0">
                        <xsd:simpleType>
                            <xsd:restriction base="xsd:string">
                                <xsd:minLength value="0"/>
                                <xsd:maxLength value="4000"/>
                            </xsd:restriction>
                        </xsd:simpleType>
                    </xsd:element>
                </xsd:sequence>
            </xsd:extension>
        </xsd:complexContent>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneInput">
    <xsd:complexType>
        <xsd:complexContent>
            <xsd:extension base="CiscoIPPhoneDisplayableType">
                <xsd:sequence>
                    <xsd:element name="URL">
                        <xsd:simpleType>
                            <xsd:restriction base="xsd:string">
                                <xsd:minLength value="1"/>
                                <xsd:maxLength value="256"/>
                            </xsd:restriction>
                        </xsd:simpleType>
                    </xsd:element>
                    <xsd:element name="InputItem" type="CiscoIPPhoneInputItemType" minOccurs="0"
maxOccurs="5"/>
                </xsd:sequence>
            </xsd:extension>
        </xsd:complexContent>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneDirectory">
    <xsd:complexType>
        <xsd:complexContent>
            <xsd:extension base="CiscoIPPhoneDisplayableType">
                <xsd:sequence>
                    <xsd:element name="DirectoryEntry" type="CiscoIPPhoneDirectoryEntryType"
minOccurs="0" maxOccurs="32"/>
                </xsd:sequence>
            </xsd:extension>
        </xsd:complexContent>
    </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneImage">
    <xsd:complexType>
        <xsd:complexContent>
            <xsd:extension base="CiscoIPPhoneDisplayableType">
                <xsd:sequence>
                    <xsd:element name="LocationX" default="0" minOccurs="0">
                        <xsd:simpleType>
                            <xsd:restriction base="xsd:short">
                                <xsd:minInclusive value="-1"/>
                                <xsd:maxInclusive value="132"/>
                            </xsd:restriction>
                        </xsd:simpleType>
                    </xsd:element>
                </xsd:sequence>
            </xsd:extension>
        </xsd:complexContent>
    </xsd:complexType>

```

```

        </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocationY" default="0" minOccurs="0">
        <xsd:simpleType>
            <xsd:restriction base="xsd:short">
                <xsd:minInclusive value="-1"/>
                <xsd:maxInclusive value="64"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Width">
        <xsd:simpleType>
            <xsd:restriction base="xsd:unsignedShort">
                <xsd:minInclusive value="1"/>
                <xsd:maxInclusive value="133"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Height">
        <xsd:simpleType>
            <xsd:restriction base="xsd:unsignedShort">
                <xsd:minInclusive value="1"/>
                <xsd:maxInclusive value="65"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Depth">
        <xsd:simpleType>
            <xsd:restriction base="xsd:unsignedShort">
                <xsd:minInclusive value="1"/>
                <xsd:maxInclusive value="2"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Data" minOccurs="0">
        <xsd:simpleType>
            <xsd:restriction base="xsd:hexBinary">
                <xsd:maxLength value="2162"/>
                <xsd:minLength value="0"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:element>
    </xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneImageFile">
    <xsd:complexType>
        <xsd:complexContent>
            <xsd:extension base="CiscoIPPhoneDisplayableType">
                <xsd:sequence>
                    <xsd:element name="LocationX" default="0" minOccurs="0">
                        <xsd:simpleType>
                            <xsd:restriction base="xsd:short">
                                <xsd:minInclusive value="-1"/>
                                <xsd:maxInclusive value="297"/>
                            </xsd:restriction>
                        </xsd:simpleType>
                    </xsd:element>
                    <xsd:element name="LocationY" default="0" minOccurs="0">
                        <xsd:simpleType>
                            <xsd:restriction base="xsd:short">
                                <xsd:minInclusive value="-1"/>

```

```

        <xsd:maxInclusive value="167"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="URL">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="256"/>
        <xsd:minLength value="1"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneMenu">
  <xsd:complexType>
    <xsd:complexContent>
      <xsd:extension base="CiscoIPPhoneDisplayableType">
        <xsd:sequence>
          <xsd:element name="MenuItem" type="CiscoIPPhoneMenuItemType" minOccurs="0"
maxOccurs="100"/>
        </xsd:sequence>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneIconMenu">
  <xsd:complexType>
    <xsd:complexContent>
      <xsd:extension base="CiscoIPPhoneDisplayableType">
        <xsd:sequence>
          <xsd:element name="MenuItem" type="CiscoIPPhoneIconMenuItemType" minOccurs="0"
maxOccurs="32"/>
          <xsd:element name="IconItem" type="CiscoIPPhoneIconItemType" minOccurs="0"
maxOccurs="10"/>
        </xsd:sequence>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneIconFileMenu">
  <xsd:complexType>
    <xsd:complexContent>
      <xsd:extension base="CiscoIPPhoneDisplayableType">
        <xsd:sequence>
          <xsd:element name="MenuItem" type="CiscoIPPhoneIconMenuItemType" minOccurs="0"
maxOccurs="32"/>
          <xsd:element name="IconItem" type="CiscoIPPhoneIconFileItemType" minOccurs="0"
maxOccurs="10"/>
        </xsd:sequence>
        <xsd:attribute name="IconIndex" type="xsd:unsignedShort" use="optional"/>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneGraphicMenu">
  <xsd:complexType>
    <xsd:complexContent>
      <xsd:extension base="CiscoIPPhoneDisplayableType">
        <xsd:sequence>
          <xsd:element name="LocationX" default="0" minOccurs="0">

```

```

        <xsd:simpleType>
          <xsd:restriction base="xsd:short">
            <xsd:minInclusive value="-1"/>
            <xsd:maxInclusive value="132"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="LocationY" default="0" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:short">
            <xsd:minInclusive value="-1"/>
            <xsd:maxInclusive value="64"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Width">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="133"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Height">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="65"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Depth">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="2"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Data" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:hexBinary">
            <xsd:maxLength value="2162"/>
            <xsd:minLength value="0"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="MenuItem" type="CiscoIPPhoneMenuItemType" minOccurs="0"
maxOccurs="12"/>
    </xsd:sequence>
  </xsd:extension>
</xsd:complexContent>
</xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneGraphicFileMenu">
  <xsd:complexType>
    <xsd:complexContent>
      <xsd:extension base="CiscoIPPhoneDisplayableType">
        <xsd:sequence>
          <xsd:element name="LocationX" default="0" minOccurs="0">
            <xsd:simpleType>
              <xsd:restriction base="xsd:short">
                <xsd:minInclusive value="-1"/>
                <xsd:maxInclusive value="297"/>
              </xsd:restriction>
            </xsd:simpleType>
          </xsd:element>

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        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocationY" default="0" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:short">
          <xsd:minInclusive value="-1"/>
          <xsd:maxInclusive value="167"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="URL">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="256"/>
          <xsd:minLength value="1"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="MenuItem" type="CiscoIPPhoneTouchAreaMenuItemType"
minOccurs="0" maxOccurs="32"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexType>
</xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Text" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="32"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Timer" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="0"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="LocationX" default="0" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:short">
            <xsd:minInclusive value="-1"/>
            <xsd:maxInclusive value="105"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="LocationY" default="0" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:short">
            <xsd:minInclusive value="-1"/>
            <xsd:maxInclusive value="20"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Width">
        <xsd:simpleType>
          <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

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        <xsd:maxInclusive value="106"/>
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="Height">
    <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="21"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="Depth">
    <xsd:simpleType>
        <xsd:restriction base="xsd:unsignedShort">
            <xsd:minInclusive value="1"/>
            <xsd:maxInclusive value="2"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="Data" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:hexBinary">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="557"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="CiscoIPPhoneStatusFile">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Text" minOccurs="0">
                <xsd:simpleType>
                    <xsd:restriction base="xsd:string">
                        <xsd:minLength value="0"/>
                        <xsd:maxLength value="32"/>
                    </xsd:restriction>
                </xsd:simpleType>
            </xsd:element>
            <xsd:element name="Timer" minOccurs="0">
                <xsd:simpleType>
                    <xsd:restriction base="xsd:unsignedShort">
                        <xsd:minInclusive value="0"/>
                    </xsd:restriction>
                </xsd:simpleType>
            </xsd:element>
            <xsd:element name="LocationX" default="0" minOccurs="0">
                <xsd:simpleType>
                    <xsd:restriction base="xsd:short">
                        <xsd:minInclusive value="-1"/>
                        <xsd:maxInclusive value="261"/>
                    </xsd:restriction>
                </xsd:simpleType>
            </xsd:element>
            <xsd:element name="LocationY" default="0" minOccurs="0">
                <xsd:simpleType>
                    <xsd:restriction base="xsd:short">
                        <xsd:minInclusive value="-1"/>
                        <xsd:maxInclusive value="49"/>
                    </xsd:restriction>
                </xsd:simpleType>
            </xsd:element>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

```

```
</xsd:element>
<xsd:element name="URL">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="256"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:schema>
```

