

# gRPC API

POST http://IP-://grpc

:

```
ListControlPanels(  
    ListControlPanelsRequest(  
        view=VIEW_MODE_FULL  
    )  
)
```

:

```
items {  
  access_point: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"  
  display_id: "4"  
  vendor: "Pelco-joystick"  
  model: "KBD5000"  
  properties {  
    axes {  
      key: "jog"  
      value: "supportsContinuousJog"  
    }  
    axes {  
      key: "pan"  
      value: "supportsContinuousPan"  
    }  
    axes {  
      key: "shuttle"  
      value: "supportsContinuousShuttle"  
    }  
    axes {  
      key: "tilt"  
      value: "supportsContinuousTilt"  
    }  
    axes {  
      key: "zoom"  
      value: "supportsContinuousZoom"  
    }  
    buttons {  
      value: "buttonFourPoint"  
    }  
    buttons {  
      key: 1  
      value: "buttonIris"  
    }  
    buttons {  
      key: 2  
      value: "buttonVision"  
    }  
    buttons {  
      key: 3  
      value: "buttonAbout"  
    }  
    buttons {  
      key: 4  
      value: "buttonInfo"  
    }  
    buttons {  
      key: 5  
      value: "buttonJoystickButton"  
    }  
    buttons {  
      key: 8  
      value: "buttonLeftFolder"  
    }  
  }  
}
```

```
buttons {
  key: 9
  value: "buttonRightFolder"
}
buttons {
  key: 10
  value: "buttonPlayPause"
}
buttons {
  key: 11
  value: "buttonStop"
}
buttons {
  key: 12
  value: "buttonDelay"
}
buttons {
  key: 13
  value: "buttonOnePoint"
}
buttons {
  key: 14
  value: "buttonTwoPoint"
}
buttons {
  key: 15
  value: "buttonThreePoint"
}
buttons {
  key: 16
  value: "buttonNine"
}
buttons {
  key: 17
  value: "buttonZero"
}
buttons {
  key: 18
  value: "buttonVideo"
}
buttons {
  key: 19
  value: "buttonOneWindow"
}
buttons {
  key: 20
  value: "buttonFourWindow"
}
buttons {
  key: 21
  value: "buttonNineWindow"
}
buttons {
  key: 22
  value: "buttonSixteenWindow"
}
buttons {
  key: 23
  value: "buttonComputer"
}
buttons {
  key: 24
  value: "buttonOne"
}
buttons {
  key: 25
  value: "buttonTwo"
}
buttons {
  key: 26
  value: "buttonThree"
```

```
}
buttons {
  key: 27
  value: "buttonFour"
}
buttons {
  key: 28
  value: "buttonFive"
}
buttons {
  key: 29
  value: "buttonSix"
}
buttons {
  key: 30
  value: "buttonSeven"
}
buttons {
  key: 31
  value: "buttonEight"
}
}
```

:

```
PullEvents(PullEventsRequest(filters=EventFilters(include=[EventFilter(subject="hosts/Server1/DeviceIpint.4
/EventSupplier.ioDevice:0",event_type=ET_ControlPanelStateEvent)])))
```

:

```
items {
  event_type: ET_ControlPanelStateEvent
  subject: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
  body {
    [type.googleapis.com/axxonsoft.bl.events.ControlPanelStateEvent] {
      guid: "c95204e2-1e63-47d4-ad43-c12ea7a4e928"
      object_id: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
      axes {
        name: "pan"
        value: -0.302052795887
      }
    }
  }
}
subjects: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
}
```

```
items {
  event_type: ET_ControlPanelStateEvent
  subject: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
  body {
    [type.googleapis.com/axxonsoft.bl.events.ControlPanelStateEvent] {
      guid: "9a27d338-5280-4ae6-a686-a94181859cb9"
      object_id: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
      axes {
        name: "pan"
        value: -0.302052795887
      }
      axes {
        name: "tilt"
        value: 0.564027428627
      }
    }
  }
}
subjects: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
}
```

```
items {
  event_type: ET_ControlPanelStateEvent
  subject: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
  body {
    [type.googleapis.com/axxonsoft.bl.events.ControlPanelStateEvent] {
      guid: "d8cec48a-99d9-4ee5-a24e-7aa59802760b"
      object_id: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
      axes {
        name: "pan"
        value: -0.726295232773
      }
      axes {
        name: "tilt"
        value: 0.564027428627
      }
    }
  }
}
subjects: "hosts/Server1/DeviceIpint.4/EventSupplier.ioDevice:0"
}
```