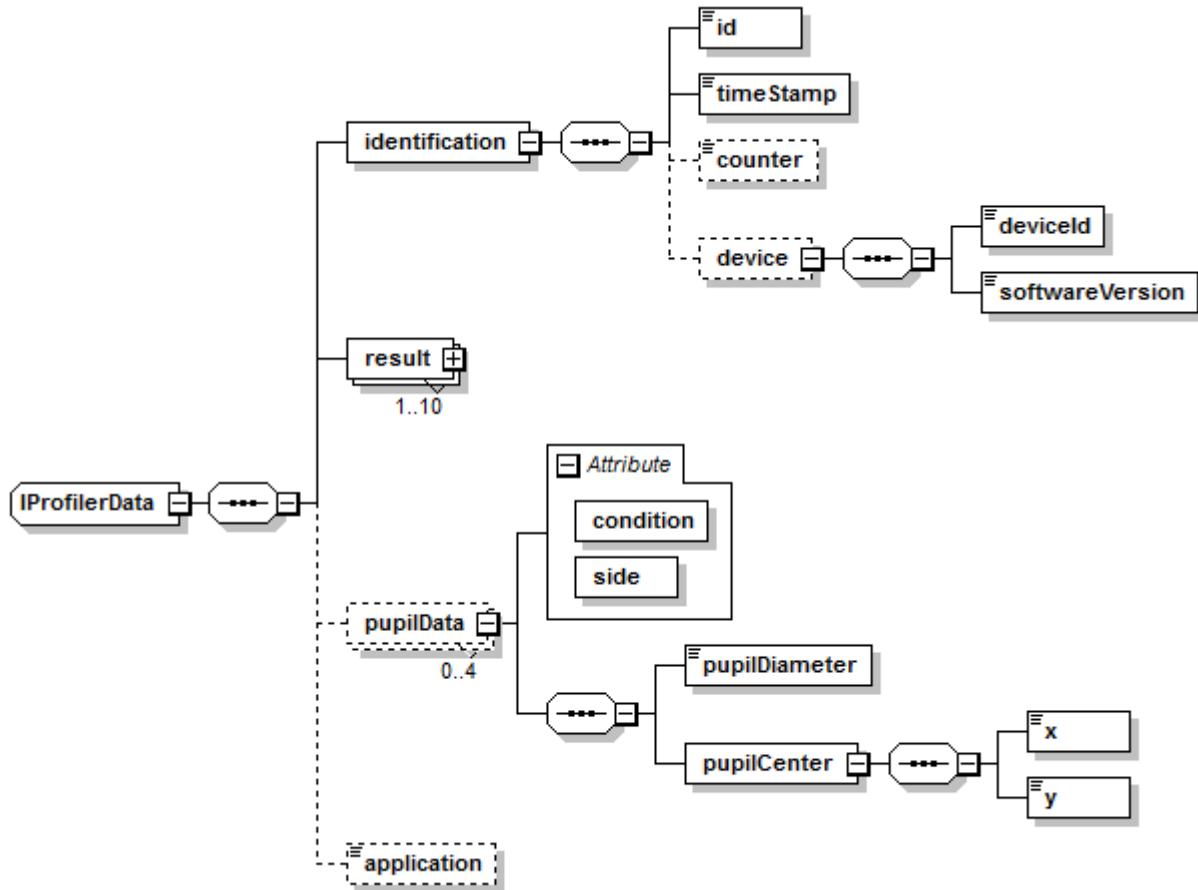


# iProfilerData (IProfilerData)

b2boptic → items → item → pair → patient → iProfilerData



## identification

**occurs** 1

### id (element of identification)

**type** string

**occurs** 1

**restriction** length: 1..50 chars

**description** measurement id from measurement device

### timeStamp (element of identification)

**type** dateTime

**occurs** 1

**description** measurement time from measurement device

### counter (element of identification)

**type** int

**occurs** 0..1

**restriction** min: 0

**description** counter of ?

### device (element of identification)

**occurs** 0..1

<b>deviceID (element of device)</b>	
<b>type</b>	string
<b>occurs</b>	1
<b>restriction</b>	length: 1..50 chars
<b>description</b>	id of measurement device

<b>softwareVersion (element of device)</b>	
<b>type</b>	string
<b>occurs</b>	1
<b>restriction</b>	length: 1..50 chars
<b>description</b>	software version of measurement device

<b>result</b>	
<b>type</b>	IProfilerResult
<b>occurs</b>	1..10
<b>description</b>	result set of a measurement

<b>pupilData</b>	
<b>occurs</b>	0..4

<b>side (attribute of pupilData)</b>	
<b>type</b>	Sides
<b>use</b>	required
<b>description</b>	eye side

<b>condition (attribute of pupilData)</b>	
<b>type</b>	LightingConditions
<b>use</b>	required
<b>description</b>	lighting conditions

<b>pupilDiameter (element of pupilData)</b>	
<b>type</b>	float
<b>unity</b>	mm
<b>occurs</b>	1
<b>description</b>	diameter of pupil

<b>pupilCenter (element of pupilData)</b>	
<b>occurs</b>	1

<b>x (element of pupilCenter)</b>	
<b>type</b>	float
<b>unity</b>	mm
<b>occurs</b>	1
<b>description</b>	x coordinate of pupil center

<b>y (element of pupilCenter)</b>	
<b>type</b>	float
<b>unity</b>	mm
<b>occurs</b>	1
<b>description</b>	y coordinate of pupil center

<b>application</b>	
<b>type</b>	int
<b>occurs</b>	0..1

<b>application</b>	
<b>restriction</b>	min: 0
<b>description</b>	

```
<xs:complexType name="IProfilerData">
  <xs:sequence>
    <xs:element name="identification">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="id">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="50" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        <xs:element name="timeStamp" type="xs:dateTime" />
        <xs:element minOccurs="0" name="counter">
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="0" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      <xs:element minOccurs="0" name="device">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="deviceId">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1" />
                  <xs:maxLength value="50" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          <xs:element name="softwareVersion">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="50" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element maxOccurs="10" name="result" type="IProfilerResult" />
```

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2013/05/23 14:00  
<https://wiki.b2boptic.com/en:lensorder:version010600:complextypes:iprofilerdata>

```
<xs:element minOccurs="0" maxOccurs="4" name="pupilData">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="pupilDiameter" type="xs:float" />
      <xs:element name="pupilCenter">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="x" type="xs:float" />
            <xs:element name="y" type="xs:float" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
    <xs:attribute name="condition" type="LightingContitions"
use="required" />
    <xs:attribute name="side" type="Sides" use="required" />
  </xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="application" type="xs:integer" />
</xs:sequence>
</xs:complexType>
```

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