

ws.pse.cz

The following operations are supported. For a formal definition, please review the [Service Description](#).

I [ClosingAuction](#)

Returns on-line trading data of Closing Auction.

Parameters:

ISIN - returns data only for one issue

Output:

ExcessDirection

0 ... balance / rovnováha

1 ... buy / nákup

2 ... sell / prodej

I [Continual](#)

Returns on-line trading data of Continual Regime with 15 minutes delay.

Parameters:

ISIN - returns data only for one issue

ProductTypeList - comma separated list of requested product type codes. Example: 000,100 /* shares and bonds */

000 ... shares

100 ... bonds

200 ... coupons

600 ... non-leverage investment certificates

610 ... non-leverage warrants

650 ... leverage investment certificates

660 ... leverage warrants

I [OfficialPriceList](#)

Returns official price list.

Parameters:

Date - enter date of trading day in format yyyy/mm/dd

ISIN - returns data only for one issue

ProductTypeList - comma separated list of requested product type codes. Example: 000,100 /* shares and bonds */

000 ... shares

100 ... bonds

600 ... non-leverage investment certificates

610 ... non-leverage warrants

650 ... leverage investment certificates

660 ... leverage warrants

I [OpeningAuction](#)

Returns on-line trading data of Opening Auction.

Parameters:

ISIN - returns data only for one issue

Output:

ExcessDirection

0 ... balance / rovnováha

1 ... buy / nákup

2 ... sell / prodej

I [PX](#)

Returns on-line value of PX Index.

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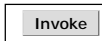
Click [here](#) for a complete list of operations.

PX

Returns on-line value of PX Index.

Test

To test the operation using the HTTP POST protocol, click the 'Invoke' button.

**SOAP 1.1**

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.pse.cz/ws/ws2.asmx/PX"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <PX xmlns="http://www.pse.cz/ws/ws2.asmx" />
  </soap:Body>
</soap:Envelope>
```

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <PXResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
      <PXResult Date="dateTime" Value="double" />
    </PXResponse>
  </soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <PX xmlns="http://www.pse.cz/ws/ws2.asmx" />
  </soap12:Body>
```

```
</soap12:Envelope>
```

```
HTTP/1.1 200 OK
```

```
Content-Type: application/soap+xml; charset=utf-8
```

```
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
```

```
<soap12:Body>
```

```
<PXResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
```

```
<PXResult Date="dateTime" Value="double" />
```

```
</PXResponse>
```

```
</soap12:Body>
```

```
</soap12:Envelope>
```

HTTP GET

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /ws/ws2.asmx/PX? HTTP/1.1
```

```
Host: www.pse.cz
```

```
HTTP/1.1 200 OK
```

```
Content-Type: text/xml; charset=utf-8
```

```
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<Index Date="dateTime" Value="double" xmlns="http://www.pse.cz/ws/ws2.asmx" />
```

HTTP POST

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /ws/ws2.asmx/PX HTTP/1.1
```

```
Host: www.pse.cz
```

```
Content-Type: application/x-www-form-urlencoded
```

```
Content-Length: length
```

```
HTTP/1.1 200 OK
```

```
Content-Type: text/xml; charset=utf-8
```

```
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<Index Date="dateTime" Value="double" xmlns="http://www.pse.cz/ws/ws2.asmx" />
```

```
<?xml version="1.0" encoding="utf-8" ?>  
<Index xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" Date="2013-02-  
  18T09:05:28" Value="1000.39" xmlns="http://www.pse.cz/ws/ws2.asmx" />
```

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Click [here](#) for a complete list of operations.

Continual

Returns on-line trading data of Continual Regime with 15 minutes delay.

Parameters:

ISIN - returns data only for one issue

ProductTypeList - comma separated list of requested product type codes. Example: 000,100 /* shares and bonds */

000 ... shares

100 ... bonds

200 ... coupons

600 ... non-leverage investment certificates

610 ... non-leverage warrants

650 ... leverage investment certificates

660 ... leverage warrants

Test

To test the operation using the HTTP POST protocol, click the 'Invoke' button.

Parameter	Value
ISIN:	<input type="text"/>
ProductTypeList:	<input type="text"/>
<input type="button" value="Invoke"/>	

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.pse.cz/ws/ws2.asmx/Continual"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Continual xmlns="http://www.pse.cz/ws/ws2.asmx">
      <ISIN>string</ISIN>
      <ProductTypeList>string</ProductTypeList>
    </Continual>
  </soap:Body>
</soap:Envelope>
```

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ContinualResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
      <ContinualResult>xml:xml</ContinualResult>
    </ContinualResponse>
```

```
</soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <Continual xmlns="http://www.pse.cz/ws/ws2.asmx">
      <ISIN>string</ISIN>
      <ProductTypeList>string</ProductTypeList>
    </Continual>
  </soap12:Body>
</soap12:Envelope>
```

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ContinualResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
      <ContinualResult>xmlxml</ContinualResult>
    </ContinualResponse>
  </soap12:Body>
</soap12:Envelope>
```

HTTP GET

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /ws/ws2.asmx/Continual?ISIN=string&ProductTypeList=string HTTP/1.1
Host: www.pse.cz
```

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">xmlxml</DataTable>
```

HTTP POST

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /ws/ws2.asmx/Continual HTTP/1.1
Host: www.pse.cz
Content-Type: application/x-www-form-urlencoded
Content-Length: length

ISIN=string&ProductTypeList=string
```

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">xml</DataTable>
```

```

<?xml version="1.0" encoding="utf-8" ?>
- <DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">
- <xs:schema id="NewDataSet" xmlns=""
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">
- <xs:element name="NewDataSet" msdata:IsDataSet="true"
  msdata:MainDataTable="Continual" msdata:UseCurrentLocale="true">
- <xs:complexType>
- <xs:choice minOccurs="0" maxOccurs="unbounded">
- <xs:element name="Continual">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Date" type="xs:dateTime"
    minOccurs="0" />
  <xs:element name="ISIN" type="xs:string"
    minOccurs="0" />
  <xs:element name="Issue" type="xs:string"
    minOccurs="0" />
  <xs:element name="ActualPrice" type="xs:double"
    minOccurs="0" />
  <xs:element name="DailyChange" type="xs:double"
    minOccurs="0" />
  <xs:element name="Change" type="xs:double"
    minOccurs="0" />
  <xs:element name="TradeValue" type="xs:double"
    minOccurs="0" />
  <xs:element name="BestPriceBid" type="xs:double"
    minOccurs="0" />
  <xs:element name="SecuritiesBid" type="xs:double"
    minOccurs="0" />
  <xs:element name="BestPriceAsk" type="xs:double"
    minOccurs="0" />
  <xs:element name="SecuritiesAsk" type="xs:double"
    minOccurs="0" />
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
</xs:schema>
- <diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"
  xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1">
- <DocumentElement xmlns="">
- <Continual diffgr:id="Continual1" msdata:rowOrder="0">
  <Date>2013-02-18T09:42:51+01:00</Date>
  <ISIN>CZ0005112300</ISIN>
  <Issue>ČEZ</Issue>
  <ActualPrice>618</ActualPrice>
  <DailyChange>-0.32258064516129537</DailyChange>
  <Change>-0.14541929229277173</Change>
  <TradeValue>11528172</TradeValue>
  <BestPriceBid>617.1</BestPriceBid>
  <SecuritiesBid>9736</SecuritiesBid>
  <BestPriceAsk>618</BestPriceAsk>
  <SecuritiesAsk>17286</SecuritiesAsk>
</Continual>
</DocumentElement>
</diffgr:diffgram>
</DataTable>

```


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Click [here](#) for a complete list of operations.

OfficialPriceList

Returns official price list.

Parameters:

Date - enter date of trading day in format yyyy/mm/dd

ISIN - returns data only for one issue

ProductTypeList - comma separated list of requested product type codes. Example: 000,100 /* shares and bonds */

000 ... shares

100 ... bonds

600 ... non-leverage investment certificates

610 ... non-leverage warrants

650 ... leverage investment certificates

660 ... leverage warrants

Test

To test the operation using the HTTP POST protocol, click the 'Invoke' button.

Parameter	Value
Date:	<input type="text"/>
ISIN:	<input type="text"/>
ProductTypeList:	<input type="text"/>

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The [placeholders](#) shown need to be replaced with actual values.

```
POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.pse.cz/ws/ws2.asmx/OfficialPriceList"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OfficialPriceList xmlns="http://www.pse.cz/ws/ws2.asmx">
      <Date>dateTime</Date>
      <ISIN>string</ISIN>
      <ProductTypeList>string</ProductTypeList>
    </OfficialPriceList>
  </soap:Body>
</soap:Envelope>
```

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
```

```

<OfficialPriceListResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
  <OfficialPriceListResult>xml.xml</OfficialPriceListResult>
</OfficialPriceListResponse>
</soap:Body>
</soap:Envelope>

```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The **placeholders** shown need to be replaced with actual values.

```

POST /ws/ws2.asmx HTTP/1.1
Host: www.pse.cz
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <OfficialPriceList xmlns="http://www.pse.cz/ws/ws2.asmx">
      <Date>dateTime</Date>
      <ISIN>string</ISIN>
      <ProductTypeList>string</ProductTypeList>
    </OfficialPriceList>
  </soap12:Body>
</soap12:Envelope>

```

```

HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <OfficialPriceListResponse xmlns="http://www.pse.cz/ws/ws2.asmx">
      <OfficialPriceListResult>xml.xml</OfficialPriceListResult>
    </OfficialPriceListResponse>
  </soap12:Body>
</soap12:Envelope>

```

HTTP GET

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```

GET /ws/ws2.asmx/OfficialPriceList?Date=string&ISIN=string&ProductTypeList=string HTTP/1.1
Host: www.pse.cz

```

```

HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">xml.xml</DataTable>

```

HTTP POST

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```

POST /ws/ws2.asmx/OfficialPriceList HTTP/1.1
Host: www.pse.cz
Content-Type: application/x-www-form-urlencoded

```

```
Content-Length: length
```

```
Date=string&ISIN=string&ProductTypeList=string
```

```
HTTP/1.1 200 OK
```

```
Content-Type: text/xml; charset=utf-8
```

```
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">xmlxml</DataTable>
```

```

<?xml version="1.0" encoding="utf-8" ?>
- <DataTable xmlns="http://www.pse.cz/ws/ws2.asmx">
- <xs:schema id="NewDataSet" xmlns=""
  xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-
  microsoft-com:xml-msdata">
- <xs:element name="NewDataSet" msdata:IsDataSet="true"
  msdata:MainDataTable="OfficialPriceList" msdata:UseCurrentLocale="true">
- <xs:complexType>
- <xs:choice minOccurs="0" maxOccurs="unbounded">
- <xs:element name="OfficialPriceList">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Date" type="xs:dateTime"
    minOccurs="0" />
  <xs:element name="ISIN" type="xs:string"
    minOccurs="0" />
  <xs:element name="Issue" type="xs:string"
    minOccurs="0" />
  <xs:element name="Price" type="xs:double"
    minOccurs="0" />
  <xs:element name="Currency" type="xs:string"
    minOccurs="0" />
  <xs:element name="Change" type="xs:double"
    minOccurs="0" />
  <xs:element name="TradeVolume" type="xs:double"
    minOccurs="0" />
  <xs:element name="TradeValue" type="xs:double"
    minOccurs="0" />
  <xs:element name="VolumeCurrency" type="xs:string"
    minOccurs="0" />
  <xs:element name="TradingGroup" type="xs:string"
    minOccurs="0" />
  <xs:element name="Market" type="xs:string"
    minOccurs="0" />
  </xs:sequence>
  </xs:complexType>
  </xs:element>
  </xs:choice>
  </xs:complexType>
  </xs:element>
</xs:schema>
- <diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"
  xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1">
- <DocumentElement xmlns="">
- <OfficialPriceList diffgr:id="OfficialPriceList1" msdata:rowOrder="0">
  <Date>2013-02-15T00:00:00+01:00</Date>
  <ISIN>CZ0005112300</ISIN>
  <Issue>ČEZ</Issue>
  <Price>618.9</Price>
  <Currency>CZK</Currency>
  <Change>-0.98</Change>
  <TradeVolume>210410</TradeVolume>
  <TradeValue>130663310.9</TradeValue>
  <VolumeCurrency>CZK</VolumeCurrency>
  <TradingGroup>T</TradingGroup>
  <Market>Official market</Market>
  </OfficialPriceList>
</DocumentElement>
</diffgr:diffgram>
</DataTable>

```