# PMobile API 1.0

## General

### Supported Market/Exchange

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Market | ExchangeCode | ExchangeDisplayCode | Price Available |
| 1 | SG | SGX | SGX | Live |
| 2 | US | NYSE | NYSE | Live + Delayed |
| 3 | US | AMEX | AMEX | Live + Delayed |
| 4 | US | NASD | NASDAQ | Live + Delayed |
| 5 | UK | LSE | LSE | Delayed |
| 6 | JP | TSE | TSE | Delayed |
| 7 | MY | KLSE | Bursa | Live + Delayed |
| 8 | HK | SEHK | HKEx | Live + Delayed |
| 9 | CN | SSE | SSE-A | Live + Delayed |

### Error Code

|  |  |
| --- | --- |
| Code | Description |
| 1 | Success |
| -1 | Fail |
| -333 | Warning |
| -42 | Invalid Session or Session Expired |

## 1. AuthenticationWebService

<http://118.189.144.221/PMobile_Wechat/AuthenticationWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | authenticateTwoFAUser | 2FA authentication |
| **2** | getClientTwoFAInfo | To retrieve the client 2FA information |
| **3** | getMarketDepthSubscription | To retrieve marketdepth subscription |
| **4** | getOutOfBondOTP | To send the sms OTP |
| **5** | getPasswordPolicyStatus | To retrieve the password policy of the specified client |
| **6** | getTwoFAChallenge | To retrieve challenge that required for 2FA authenticate function |
| **7** | getTwoFADisplaySettings | To retrieve display settings for 2FA |
| **8** | login | 1FA (E2EE) authentication (deprecated) |
| **9** | **loginWVerCheck** | **This function will authenticate the login credential, activate the session id if the credential is valid and return back the necessary information for second factor authentication (2FA) to verify for transaction process.** |
| **10** | **logout** | **This function will deactivate the session id and the current session will be logout.** |
| **11** | **presession** | **Need to call this function to retrieve the session id, keys (random no, public key) to generate the E2EE password for login function.** |
| **12** | updatePasswordPolicyStatus | To update password policy status |
| **13** | verifyPassword | To verity password |

### 1.1 Presession

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AuthenticationWebService/presession | | | |
| Description | Need to call this function to retrieve the session id, keys (random no, public key) to generate the E2EE password for login function. | | | |
| Parameters | - | - | - | - |
| Produce | application/xml | | | |
| Result | <Presession> <SessionID>AC15573256D78D3D2F86DED52D7FA0BD6D7E0E96</SessionID> <RandomNo>1EBEAD5A1F4AFC311252E359FA0E4C5ECFA28143</RandomNo> <PublicKey>009FB0A9648A0AA0D1896ECC8ED235873605FE291FE513EB6065E8D88AC28B701496FBC1226922800FF1D6D5911CE1AFB62430263F79A2B3172567AAFF32271371BF963F5BF798877CF886E8B130DBFDBEBAAE27DE33AFEE753999874B8C1980A14BB00C01B2ADABEE2C2C7DC367B69E8BBD43E10ED759073BE2297E01CB49E2AF:010001</PublicKey>  </Presession> | | | |
| Note | Need to call this function before every user login. Keep the SessionID, RandomNo and PublicKey to generate the E2EE RPIN (encrypted password) for authentication (loginWVerCheck) | | | |

### 1.2 Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AuthenticationWebService/loginWVerCheck | | | |
| Description | This function will authenticate the login credential, activate the session id if the credential is valid and return back the necessary information for second factor authentication (2FA) to verify for transaction process. | | | |
| Parameters | AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| Password | e2ee encrypted password | String | Require |
| RandomNo | Random number generated by presession | String | Require |
| versionNo | Application version number | String |  |
| UDID | application device Id (must be unique for each device) | String |  |
| Produce | application/xml | | | |
| Result | <Login>  <LastLoginTime>Sep 15 2016 4:04PM</LastLoginTime>  <AccountStatus>T</AccountStatus>  <OrderStatusRefresh>7</OrderStatusRefresh>  <PreviousPageRefresh>3</PreviousPageRefresh>  <StockRefresh>1</StockRefresh>  <CounterBoardSetting></CounterBoardSetting>  <SIPClient>0</SIPClient>  <EIPClient>0</EIPClient>  <EnableShortSell>1</EnableShortSell>  <TwoFAEnable>1</TwoFAEnable>  <SPID>03</SPID>  <TwoFAAppID>11</TwoFAAppID>  <TwoFALinkage>0</TwoFALinkage>  <TwoFALinkageDisplay>0</TwoFALinkageDisplay>  <TwoFALinkageMsg>For additional online trading security, you may opt to use a second authentication process in addition to your password by linking your One Key device with POEMS. You may login to POEMS Internet for more details or visit www.poems.com.sg&#47;2fa-faq. For enquiries, call your Trading Representative or our Customer Experience Hotline at 6531 1555.</TwoFALinkageMsg>  </Login> | | | |

Note: if TwoFAEnable flag is true then call getClientTwoFAInfo to retrieve the client 2FA information.

### 1.3 Logout

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AuthenticationWebService/logout | | | |
| Description | This function will deactivate the session id and the current session will be logout. | | | |
| Parameters | AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| UDID | application device Id (must be unique for each device) | String |  |
| Produce | application/xml | | | |
| Result | <Logout>  <ReturnCode>1</ReturnCode>  <LoginTime>(Not Available)</LoginTime>  <LogoutTime>03:23PM 15 Sep 2016</LogoutTime>  <Duration></Duration>  </Logout> | | | |

### 1.4 getClientTwoFAInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /getClientTwoFAInfo | | | |
| Description | Call this function if TwoFAEnable flag is true  Need to call this function to retrieve the client 2FA information. | | | |
| Parameters | AcctNo | Login account number | String | Require |
| SessionID | Session id | String | Require |
| TwoFAAppID | 2FA application ID | String | Require |
| Produce | application/xml | | | |
| Result | <ClientTwoFAInfo>  <RemisierName>Wee\*\*\*</RemisierName>  <RemisierCode>VT</RemisierCode>  <RemisierContactNo1>12345678</RemisierContactNo1>  <RemisierContactNo2>12345678</RemisierContactNo2>  <TwoFAUsers>  <TwoFAUser>  <NAFUserName>philliptesti</NAFUserName>  <SPID>03</SPID>  <TwoFADevices>  <TwoFADevice>  <DeviceID>VA-2646008716</DeviceID>  <DeviceType>0101</DeviceType>  <DeviceName>OTP</DeviceName>  <DeviceTypeDesc>Time-based 2FA</DeviceTypeDesc>  <MobileNo> </MobileNo>  </TwoFADevice>  <TwoFADevice>  <DeviceID>VB-90077574</DeviceID>  <DeviceType>0103</DeviceType>  <DeviceName>SMS</DeviceName>  <DeviceTypeDesc>SMS-based 2FA</DeviceTypeDesc>  <MobileNo>90077574</MobileNo>  </TwoFADevice>  </TwoFADevices>  </TwoFAUser>  </TwoFAUsers>  </ClientTwoFAInfo> | | | |

### 1.5 getOutOfBondOTP

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /getOutOfBondOTP | | | |
| Description | Need to call this function to receive the SMS OTP | | | |
| Parameters | AcctID | Login account number | String | Require |
| SessionID | Session id | String | Require |
| NAFUserName | *National Authentication Framework* (*NAF*) user name | String | Require |
| DeviceID | 2FA device id (VA-XXXX or VB-XXXXXX) | String | Require |
| DeviceType | 2FA device type (0101 or 0103) | String | Require |
| SPID | Service provider id | String | Require |
| TwoFAAppID | 2FA application ID | String | Require |
| Produce | application/xml | | | |
| Result | <OutOfBond>  <Challenge>6D52043845E3D6288D422D3C1C750E==</Challenge>  <SecurityCode>6963</SecurityCode>  </OutOfBond> | | | |

### 1.6 authenticateTwoFAUser

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /authenticateTwoFAUser | | | |
| Description | This function will verify the 2FA OTP | | | |
| Parameters | AcctID | Login account number | String | Require |
| SessionID | Session id | String | Require |
| VersionNo | Application version number | String | Require |
| NAFUserName | NAF User Name | String | Require |
| DeviceID | 2FA device id | String | Require |
| DeviceType | 2FA device type | String | Require |
| TwoFAData | OTP | String | Require |
| Challenge | Challenge  (applicable for SMS device only) | String |  |
| TwoFAMode | Authenticate mode  ( T : transaction ) | String | Require |
| TimeStamp | Authenticate time stamp | String | Require |
| SPID | Service provider id | String | Require |
| TwoFAAppID | 2FA application ID | String | Require |
| Produce | application/xml | | | |
| Result | <TwoFALogin>  <ReturnCode>1</ReturnCode>  <ReturnMessage>Successful</ReturnMessage>  </TwoFALogin> | | | |

## 2. CountInfoWebService

<http://118.189.144.221/PMobile_Wechat/CountInfoWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | getCounterDetails | To retrieve the details counter information for specified counter |
| **2** | getCounterList | To retrieve the price information for specified list of counters |
| **3** | getDelayedIndices | To retrieve delayed indices |
| **4** | **getIndices** | **This function will return all indices counter information for specific exchange.** |
| **5** | getIndicesRefresh | To refresh indices |
| **6** | getMajorIndices | To retrieve major indices for banner |
| **7** | getMarketDepth | To retrieve market depth information for SG market |
| **8** | getShortCounterPrice | To retrieve short counter information for specified counter |
| **9** | getShortIndices | To retrieve short indices price |
| **10** | **getTop20Gainer** | **This function will return 30 top gainer counters’ price information and PMP Topics for specific exchange.** |
| **11** | getTop20GainerRefresh | getTop20GainerRefresh |
| **12** | **getTop20Loser** | **This function will return 30 top loser counters’ price information and PMP Topics for specific exchange.** |
| **13** | getTop20LoserRefresh | getTop20LoserRefresh |
| **14** | **getTop20Volume** | **This function will return 30 top volume counters’ price information and PMP Topics for specific exchange.** |
| **15** | getTop20VolumeRefresh | getTop20VolumeRefresh |
| **16** | searchCompany | To search counter |

### 2.1 Top 30 Gainer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /CountInfoWebService/getTop20Gainer | | | |
| Description | This function will return 30 top gainer counters’ price information and PMP Topics for specific exchange. | | | |
| Parameters | Exchange | Exchange code | String | Require |
| AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| Produce | application/xml | | | |
| Result | <Counters> <PMPTopic>\\SGXSE\\[SGXSE]TNG01,\\SGXSE\\[SGXSE]TNG02,\\SGXSE\\[SGXSE]TNG03,\\SGXSE\\[SGXSE]TNG04,\\SGXSE\\[SGXSE]TNG05,\\SGXSE\\[SGXSE]TNG06,\\SGXSE\\[SGXSE]TNG07,\\SGXSE\\[SGXSE]TNG08,\\SGXSE\\[SGXSE]TNG09,\\SGXSE\\[SGXSE]TNG10,\\SGXSE\\[SGXSE]TNG11,\\SGXSE\\[SGXSE]TNG12,\\SGXSE\\[SGXSE]TNG13,\\SGXSE\\[SGXSE]TNG14,\\SGXSE\\[SGXSE]TNG15,\\SGXSE\\[SGXSE]TNG16,\\SGXSE\\[SGXSE]TNG17,\\SGXSE\\[SGXSE]TNG18,\\SGXSE\\[SGXSE]TNG19,\\SGXSE\\[SGXSE]TNG20,\\SGXSE\\[SGXSE]TNG21,\\SGXSE\\[SGXSE]TNG22,\\SGXSE\\[SGXSE]TNG23,\\SGXSE\\[SGXSE]TNG24,\\SGXSE\\[SGXSE]TNG25,\\SGXSE\\[SGXSE]TNG26,\\SGXSE\\[SGXSE]TNG27,\\SGXSE\\[SGXSE]TNG28,\\SGXSE\\[SGXSE]TNG29,\\SGXSE\\[SGXSE]TNG30</PMPTopic>  <DelayedIndicator></DelayedIndicator>  <Counter>  <Market>SG</Market>  <CompanyCode>AACIRC.SG</CompanyCode>  <CompanyName>AIMSAMP Cap Reit</CompanyName>  <Symbol>O5RU</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>1.400</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  <Counter>  <Market>SG</Market>  <CompanyCode>AAL.SG</CompanyCode>  <CompanyName>AnnAik</CompanyName>  <Symbol>A52</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.082</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  .  .  .  .  <Counter>  <Market>SG</Market>  <CompanyCode>AMX.SG</CompanyCode>  <CompanyName>AsiaMedic</CompanyName>  <Symbol>505</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.068</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  </Counters> | | | |
| Note | Can use PMPTopic to subscribe PMP | | | |

### 2.2 Top 30 Loser

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /CountInfoWebService/getTop20Loser | | | |
| Description | This function will return 30 top loser counters’ price information and PMP Topics for specified exchange. | | | |
| Parameters | Exchange | Exchange code | String | Require |
| AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| Produce | application/xml | | | |
| Result | <Counters> <PMPTopic>\\SGXSE\\[SGXSE]TNL01,\\SGXSE\\[SGXSE]TNL02,\\SGXSE\\[SGXSE]TNL03,\\SGXSE\\[SGXSE]TNL04,\\SGXSE\\[SGXSE]TNL05,\\SGXSE\\[SGXSE]TNL06,\\SGXSE\\[SGXSE]TNL07,\\SGXSE\\[SGXSE]TNL08,\\SGXSE\\[SGXSE]TNL09,\\SGXSE\\[SGXSE]TNL10,\\SGXSE\\[SGXSE]TNL11,\\SGXSE\\[SGXSE]TNL12,\\SGXSE\\[SGXSE]TNL13,\\SGXSE\\[SGXSE]TNL14,\\SGXSE\\[SGXSE]TNL15,\\SGXSE\\[SGXSE]TNL16,\\SGXSE\\[SGXSE]TNL17,\\SGXSE\\[SGXSE]TNL18,\\SGXSE\\[SGXSE]TNL19,\\SGXSE\\[SGXSE]TNL20,\\SGXSE\\[SGXSE]TNL21,\\SGXSE\\[SGXSE]TNL22,\\SGXSE\\[SGXSE]TNL23,\\SGXSE\\[SGXSE]TNL24,\\SGXSE\\[SGXSE]TNL25,\\SGXSE\\[SGXSE]TNL26,\\SGXSE\\[SGXSE]TNL27,\\SGXSE\\[SGXSE]TNL28,\\SGXSE\\[SGXSE]TNL29,\\SGXSE\\[SGXSE]TNL30</PMPTopic>  <DelayedIndicator></DelayedIndicator>  <Counter>  <Market>SG</Market>  <CompanyCode>AACIRC.SG</CompanyCode>  <CompanyName>AIMSAMP Cap Reit</CompanyName>  <Symbol>O5RU</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>1.400</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  <Counter>  <Market>SG</Market>  <CompanyCode>AAL.SG</CompanyCode>  <CompanyName>AnnAik</CompanyName>  <Symbol>A52</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.082</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  .  .  .  .  <Counter>  <Market>SG</Market>  <CompanyCode>AMX.SG</CompanyCode>  <CompanyName>AsiaMedic</CompanyName>  <Symbol>505</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.068</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  </Counters> | | | |

### 2.3 Top 30 Volume

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /CountInfoWebService/getTop20Volume | | | |
| Description | This function will return 30 top volume counters’ price information and PMP Topics for specified exchange. | | | |
| Parameters | Exchange | Exchange code | String | Require |
| AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| Produce | application/xml | | | |
| Result | <Counters>  <PMPTopic>\\SGXSE\\[SGXSE]TOP01,\\SGXSE\\[SGXSE]TOP02,\\SGXSE\\[SGXSE]TOP03,\\SGXSE\\[SGXSE]TOP04,\\SGXSE\\[SGXSE]TOP05,\\SGXSE\\[SGXSE]TOP06,\\SGXSE\\[SGXSE]TOP07,\\SGXSE\\[SGXSE]TOP08,\\SGXSE\\[SGXSE]TOP09,\\SGXSE\\[SGXSE]TOP10,\\SGXSE\\[SGXSE]TOP11,\\SGXSE\\[SGXSE]TOP12,\\SGXSE\\[SGXSE]TOP13,\\SGXSE\\[SGXSE]TOP14,\\SGXSE\\[SGXSE]TOP15,\\SGXSE\\[SGXSE]TOP16,\\SGXSE\\[SGXSE]TOP17,\\SGXSE\\[SGXSE]TOP18,\\SGXSE\\[SGXSE]TOP19,\\SGXSE\\[SGXSE]TOP20,\\SGXSE\\[SGXSE]TOP21,\\SGXSE\\[SGXSE]TOP22,\\SGXSE\\[SGXSE]TOP23,\\SGXSE\\[SGXSE]TOP24,\\SGXSE\\[SGXSE]TOP25,\\SGXSE\\[SGXSE]TOP26,\\SGXSE\\[SGXSE]TOP27,\\SGXSE\\[SGXSE]TOP28,\\SGXSE\\[SGXSE]TOP29,\\SGXSE\\[SGXSE]TOP30</PMPTopic>  <DelayedIndicator></DelayedIndicator>  <Counter>  <Market>SG</Market>  <CompanyCode>AACIRC.SG</CompanyCode>  <CompanyName>AIMSAMP Cap Reit</CompanyName>  <Symbol>O5RU</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>1.400</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  <Counter>  <Market>SG</Market>  <CompanyCode>AAL.SG</CompanyCode>  <CompanyName>AnnAik</CompanyName>  <Symbol>A52</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.082</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  .  .  .  .  <Counter>  <Market>SG</Market>  <CompanyCode>AMX.SG</CompanyCode>  <CompanyName>AsiaMedic</CompanyName>  <Symbol>505</Symbol>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <LastDone>0.068</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>0.00</PerChange>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <TimeDone>07:55</TimeDone>  <UpDown></UpDown>  <BuyVolume>0.0</BuyVolume>  <SellVolume>0.0</SellVolume>  </Counter>  </Counters> | | | |

### 2.4 Indices

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /CountInfoWebService/getIndices | | | |
| Description | This function will return all indices counter information for specified exchange. | | | |
| Parameters | Exchange | Exchange code | String | Require |
| AcctID | Login account number | String | Require |
| SessionID | Session id | String |  |
| Produce | application/xml | | | |
| Result | <Counters>  <Counter>  <PMPTopic>\\SGXSE.I\\I\_FSTAM</PMPTopic>  <PMPFeedCode>FSTAM</PMPFeedCode>  <CompanyCode>FSTAM.SG</CompanyCode>  <CompanyName>FTSE ST Maritime</CompanyName>  <Symbol>FSTAM</Symbol>  <LastDone>195.850</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>+0.00</PerChange>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <Time>07:55</Time>  <UpDown></UpDown>  </Counter>  <Counter>  <PMPTopic>\\SGXSE.I\\I\_FSTAS</PMPTopic>  <PMPFeedCode>FSTAS</PMPFeedCode>  <CompanyCode>FSTAS.SG</CompanyCode>  <CompanyName>FTSE ST All-Share Index</CompanyName>  <Symbol>FSTAS</Symbol>  <LastDone>681.340</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>+0.00</PerChange>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <Time>07:55</Time>  <UpDown></UpDown>  </Counter>  .  .  .  .  <Counter>  <PMPTopic>\\SGXSE.I\\I\_STI</PMPTopic>  <PMPFeedCode>STI</PMPFeedCode>  <CompanyCode>IXP/N.SG</CompanyCode>  <CompanyName>Straits Times Index</CompanyName>  <Symbol>STI</Symbol>  <LastDone>2786.680</LastDone>  <BuyPrice>0.000</BuyPrice>  <SellPrice>0.000</SellPrice>  <Change>+0.000</Change>  <PerChange>+0.00</PerChange>  <Volume>0.0</Volume>  <OpenPrice>0.000</OpenPrice>  <HighPrice>0.000</HighPrice>  <LowPrice>0.000</LowPrice>  <Time>07:55</Time>  <UpDown></UpDown>  </Counter>  </Counters> | | | |
| Note | Can use PMPTopic to subscribe PMP price | | | |

## 3. WatchlistWebservice

<http://118.189.144.221/PMobile_Wechat/WatchlistWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | getWatchlist | To retrieve client watch list information |
| **2** | getWatchlistDetail | To retrieve client watch list counter details |
| **3** | renameWatchList | To re-name client watch list |
| **4** | addWatchListCounter | To add counter to client watch list |
| **5** | deleteWatchListCounter | To remove counter from client watch list |
| **6** | changeWatchlistOrder | To re-arrange client watch list counter order |

### 3.1 Watch List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /WatchlistWebService/getWatchlist | | | |
| Description | To retrieve client watch list information | | | |
| Parameters | AcctID | Account ID | String | Require |
| SessionID | Session id | String |  |
| Produce | xml | | | |
| Result | <?xml version=""1.0"" encoding=""UTF-8""?>  <Watchlist>  <WatchItem>  <WatchlistID>828</WatchlistID>  <WatchlistName>12345</WatchlistName>  </WatchItem>  ...  </Watchlist> | | | |

### 3.2 Watch List detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /WatchlistWebService/getWatchlistDetail | | | |
| Description | To retrieve client watch list counter details | | | |
| Parameters | WatchListID | Watch list id (ref. 3.1 result) | String | Require |
| AcctID | Account ID | String | Require |
| SessionID | Session ID | String |  |
| VersionNo | Version No | String |  |
| Produce | xml | | | |
| Result | "<Counters>  <Counter>  <Market>HK</Market>  <MarketDetail>HK</MarketDetail>  <Exchange>HKEx</Exchange>  <CompanyCode>3988.HK</CompanyCode>  <CompanyName>Bank of China</CompanyName>  <Symbol>3988.HK</Symbol>  <PMPFeedCode>3988.HK</PMPFeedCode>  <PMPTopic>\\\\HKEX\\\\3988.HK</PMPTopic>  <CPF>0</CPF>  <Volume>70,067</Volume>  <LastDone>3.5700</LastDone>  <Change>+0.0400</Change>  <PerChange>+1.13</PerChange>  <BuyPrice>3.560</BuyPrice>  <SellPrice>3.570</SellPrice>  <HighPrice>3.5700</HighPrice>  <LowPrice>3.5200</LowPrice>  <OpenPrice>3.5300</OpenPrice>  <TimeDone>11:27</TimeDone>  <LivePriceAccess>Y</LivePriceAccess>  <UpDown>UP</UpDown>  <BuyVolume>4,954</BuyVolume>  <SellVolume>451</SellVolume>  </Counter>  ...  </Counters>" | | | |
| Note | Can use PMPTopic to subscribe PMP price | | | |

### 3.3 Re-name Watch List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | / WatchlistWebService/renameWatchList | | | |
| Description | To re-name client watch list | | | |
| Parameters | CurrentWatchList | Current WatchListName (ref. 3.1 result) | String | Require |
| NewWatchList | New WatchListName | String | Require |
| AcctID | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version=\"1.0\" encoding=\"UTF-8\"?>  <RenameWatchList>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  </RenameWatchList> | | | |

### 3.4 Add Watch List Counter

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | / WatchlistWebService/addWatchListCounter | | | |
| Description | To add counter to client watch list | | | |
| Parameters | WatchListID | Watch list id (ref. 3.1 result) | String | Require |
| CompanyCode | Counter company code (ref. 2.1 result) | String | Require |
| Symbol | Counter Symbol (ref. 2.1 result) | String | Require |
| Market | Counter Market (ref. 2.1 result) | String | Require |
| AcctID | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | "<?xml version=\"1.0\" encoding=\"UTF-8\"?>  <AddWatchList>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  </AddWatchList>" | | | |

### 3.5 Delete Counter from Watch List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | / WatchlistWebService/deleteWatchListCounter | | | |
| Description | To remove counter from client watch list | | | |
| Parameters | WatchListID | Watch list id (ref. 3.1 result) | String | Require |
| CompanyCode | Counter company code (ref. 2.1 result) | String | Require |
| AcctID | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | "<?xml version=\"1.0\" encoding=\"UTF-8\"?>  <DeleteWatchList>  <ReturnCode>1</ReturnCode>  <ReturnMessage>Company code related to the Watch list is deleted successfully</ReturnMessage>  </DeleteWatchList>" | | | |

### 3.6 Change Watch List Counter order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | / WatchlistWebService/changeWatchlistOrder | | | |
| Description | To re-arrange client watch list counter order | | | |
| Parameters | AcctNO | Account ID | String | Require |
| WatchListID | Watch list id (ref. 3.1 result) | String | Require |
| ExchangeCodes | Counter company code (ref. 2.1 result) | String[] |  |
| CompanyCodes | Counter Symbol (ref. 2.1 result) | String[] |  |
| Symbols | Counter Market (ref. 2.1 result) | String[] |  |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <ChangeWatchlistOrder>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  </ChangeWatchlistOrder> | | | |

## 4. AcctMgmtWebService

<http://118.189.144.221/PMobile_Wechat/AcctMgmtWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | getClientInfo | To retrieve client information |
| **2** | getClientAcctInfo | To retrieve client account remisier information |
| **3** | getOutstandingPositionList | To retrieve client outstanding position |
| **4** | getOuststandingPositionDetails | To retrieve client outstanding position detail information |
| **5** | getOuststandingPositionDetailsWithContra | To retrieve client outstanding position detail information with contra details |
| **6** | getOutstandingPositionDisclaimers | To retrieve outstanding position disclaimer |
| **7** | getPortfolioDisclaimers | To retrieve portfolio disclaimer |
| **8** | updatePortfolioDisclaimersDisplay | To update client portfolio disclaimer display status |
| **9** | updateOutstandingPositionDisclaimersDisplay | To update client outstanding position disclaimer display status |
| **10** | getUnrealizedPLList | To retrieve client unrealized PL list |
| **11** | getUnrealizedPLDetails | To retrieve client unrealized PL detail information |
| **12** | getRealizedPLList | To retrieve client realized PL list |
| **13** | getScripPosition | To retrieve client script position list |

### 4.1 Client Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getClientInfo | | | |
| Description | To retrieve client information | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String | Require |
| VersionNo | Version NO | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <ClientInfo>  <acctNo>0000000</acctNo>  <clientName>Gen\*\*\*92229</clientName>  <remisierNo>ZZ</remisierNo>  <nric>9222999U</nric>  <specialCode>(V)</specialCode>  <acctType>V</acctType>  </ClientInfo>] | | | |

### 4.2 Client Account Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getClientAcctInfo | | | |
| Description | To retrieve client account remisier information | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String | Require |
| Produce | xml | | | |
| Result | <xml version="1.0" encoding="UTF-8"?>  <ClientAcctInfo>  <RemisierName>zzz\*\*\*</RemisierName>  <RemisierCode>ZZ</RemisierCode>  <RemisierContactNo1>  12345678  </RemisierContactNo1>  <RemisierContactNo2>  12345678  </RemisierContactNo2>  </ClientAcctInfo> | | | |

### 4.3 Outstanding Position

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getOutstandingPositionList | | | |
| Description | To retrieve client outstanding position | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String | Require |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <OutstandingPositions>  <OutstandingPosition>  <DueDate>13 Aug</DueDate>  <OutStdPosItems>  <OutStdPos>  <ContractNo>  166235&#47;502&#47;01  </ContractNo>  <ContractDate>  07&#47;08&#47;2001  </ContractDate>  <CompanyName>MEDIARING</CompanyName>  <CompanyCode></CompanyCode>  <Price>0.145</Price>  <Quantity>-40000</Quantity>  <SettlementCurrency>  SGD  </SettlementCurrency>  <SettlementAmt>-5773.11</SettlementAmt>  <Market></Market>  <IsContra>false</IsContra>  <PriceViewable>0</PriceViewable>  </OutStdPos>  </OutStdPosItems>  <SetAmtSubTotal>-5773.11</SetAmtSubTotal>  <CashSetAmtSubTotal>  -5773.11  </CashSetAmtSubTotal> <CPFSetAmtSubTotal>  0.00  </CPFSetAmtSubTotal>  <SRSSetAmtSubTotal>  0.00  </SRSSetAmtSubTotal> <SubTotalCurrency>  SGD  </SubTotalCurrency>  </OutstandingPosition>  ...  </OutstandingPositions> | | | |

### 4.4 Outstanding Position detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getOuststandingPositionDetails | | | |
| Description | To retrieve client outstanding position detail information | | | |
| Parameters | AcctNo | Account ID | String | Require |
| ContractNo | Contract No (ref. 4.3 result) | String |  |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <OutstandingPositionDetails>  <ContractNo>166235&#47;502&#47;01</ContractNo>  <ContractDate>07&#47;08&#47;2001</ContractDate>  <DueDate>13&#47;08&#47;2001</DueDate>  <Price>0.145</Price>  <Currency>SGD</Currency>  <Quantity>-40000</Quantity>  <SettlementCurrency>SGD</SettlementCurrency>  <SettlementAmt>-5773.11</SettlementAmt>  <PaymentMode>Cash</PaymentMode>  <ExchangeRate>1.000000</ExchangeRate>  <CompanyCode></CompanyCode>  <CompanyName>MEDIARING</CompanyName>  <Market></Market>  <PriceViewable>0</PriceViewable>  <LivePriceAccess>Y</LivePriceAccess>  <Tradeable>0</Tradeable>  </OutstandingPositionDetails> | | | |

### 4.5 Outstanding Position detail with contra

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getOuststandingPositionDetailsWithContra | | | |
| Description | To retrieve client outstanding position detail information with contra details | | | |
| Parameters | AcctNo | Account ID | String | Require |
| ContractNo | Contract No (ref. 4.3 result) | String |  |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <OutstandingPositionDetails>  <ContraNo>166235&#47;502&#47;01</ContraNo>  <DueDate>13&#47;08&#47;2001</DueDate>  <ExchangeRate>1.000000</ExchangeRate>  <CompanyCode></CompanyCode>  <CompanyName>MEDIARING</CompanyName>  <Market></Market>  <PriceViewable>0</PriceViewable>  <Tradeable>0</Tradeable>  <PaymentMode>Cash</PaymentMode>  <LivePriceAccess>Y</LivePriceAccess>  <ContraNotes></ContraNotes>  <TransactionDate>-</TransactionDate>  <BalanceCurrency></BalanceCurrency>  <BalanceTagName>Payment Due</BalanceTagName>  <Balance>0.00</Balance>  </OutstandingPositionDetails> | | | |

### 4.6 Outstanding Position disclaimer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getOutstandingPositionDisclaimers | | | |
| Description | To retrieve outstanding position disclaimer | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <OutstandingPositionDisclaimers>  <Disclaimers>The contracts reflected in Outstanding Position are for reference only. Clients are advised to refer to the official contract notes for the settlement details.&lt;br&#47;&gt;&lt;br&#47;&gt;Please note that if your CPF trades are revoked, it will automatically be subjected to &quot;cash&quot; settlement. Please check your CPF account for your share holdings.&lt;br&#47;&gt;&lt;br&#47;&gt;For reference to exchange rates for settlements in foreign currency, refer to POEMS &gt; Announce &gt; Exchange Rates for more information. All rates are for indication purpose only and are subjected to review and changes by the Company without prior notice.&lt;br&#47;&gt;&lt;br&#47;&gt;The Company does not accept any responsibility or liability for any loss or inaccuracy of information displayed on its Electronic Broking Services per the Conditions Governing Phillip Securities Trading Accounts.</Disclaimers>  <Display>0</Display>  </OutstandingPositionDisclaimers> | | | |

### 4.7 Portfolio disclaimer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getPortfolioDisclaimers | | | |
| Description | To retrieve portfolio disclaimer | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <PortfolioDisclaimers>  <Disclaimers>Use of Scrap Book in POEMS is a feature provided for the user&#039;s convenience and should only serve as a guide. It should not be relied upon in any way. PSPL accepts no liability whatsoever for any losses or damages resulting from the use of or reliance on this feature.&lt;font color=&quot;red&quot;&gt; All SGX shares shown under Scrap Book may not reflect your total share holdings in CDP, SRS or CPF Investment Bank. Please confirm the correct number of shares with your CDP, SRS or CPF statements where applicable.&lt;&#47;font&gt;&lt;br &#47;&gt;&lt;br &#47;&gt; Corporate actions for all local and foreign shares such as stock splits, bonus issues, rights or entitlements of any form will be not updated. Shares which are delisted or had become OTC will not be adjusted accordingly in your Scrap Book. Please refer to your trading representatives or monthly statements on the exact holdings of these foreign shares. To sell OTC shares, you may contact our Night Desk at 6339 8842 &#47; 6533 3159.&lt;br &#47;&gt;&lt;br &#47;&gt; SGX counters traded on dual currency will be consolidated into the primary currency on settlement date. Note that the computation of average price is on best effort basis. &lt;br &#47;&gt; &lt;br &#47;&gt;Clients can maintain their holdings through the Scrap Book editable functions in POEMS Internet.</Disclaimers>  <Display>1</Display>  </PortfolioDisclaimers>] | | | |

### 4.8 Update Portfolio disclaimer display

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/updatePortfolioDisclaimersDisplay | | | |
| Description | To update client portfolio disclaimer display status | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <?xml version="1.0" encoding="UTF-8"?>  <UpdatePortfolioDisclaimersDisplay>  <ReturnCode>1</ReturnCode>  <ReturnMessage>Disclaimer accepted. Acceptance is only required once. To read disclaimer, tap Disclaimer located on the bottom right corner of Scrap Book.</ReturnMessage>  </UpdatePortfolioDisclaimersDisplay> | | | |

### 4.9 Update Outstanding Position disclaimer display

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/updateOutstandingPositionDisclaimersDisplay | | | |
| Description | To update client outstanding position disclaimer display status | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <UpdateOutstandingPositionDisclaimersDisplay>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  </UpdateOutstandingPositionDisclaimersDisplay> | | | |

### 4.10 Unrealized PL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getUnrealizedPLList | | | |
| Description | To retrieve client unrealized PL list | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SelectedHeader | Selected Header | String |  |
| SessionID | Session ID | String |  |
| VersionNo | Version NO | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <UnrealizedPLList>  <Currencies><Currency>  <CurrencyCode>SGD</CurrencyCode>  <UnrealizedPLItems>  <UnrealizedPLItem>  <Market>SG</Market>  <MarketCode>SG</MarketCode>  <Exchange>SGX</Exchange>  <CompanyCode>ACMACA.SG</CompanyCode>  <CompanyName>Acma</CompanyName>  <Symbol>AYV</Symbol>  <Qty>10000</Qty>  <AvePrice>0.001</AvePrice>  <TradedCurrency>SGD</TradedCurrency>  <LastDone>0.520</LastDone>  <MarketValue>5200.00</MarketValue>  <UnrealizedPL>0.519</UnrealizedPL>  <UnrealizedPLPercent>  51900.000  </UnrealizedPLPercent>  <Mode>Cash</Mode>  <TimeDone>07:55</TimeDone>  <PriceViewable>1</PriceViewable>  <LivePriceAccess>Y</LivePriceAccess>  </UnrealizedPLItem>  ...  </UnrealizedPLItems>  <SubTotalMarketValue>  23210.00  </SubTotalMarketValue>  </Currency></Currencies>  <LastUpdatedTime>  15&#47;09&#47;2016 16:12  </LastUpdatedTime>  </UnrealizedPLList> | | | |

### 4.11 Realized PL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getRealizedPLList | | | |
| Description | To retrieve client realized PL list | | | |
| Parameters | AcctNo | Account ID | String | Require |
| MonthYear | Month Year (MM/YYYY format) | String | Require |
| SessionID | Session ID | String |  |
| VersionNo | Version No | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <RealizedPLList>  <CurrencyGroups>  <CurrencyGroup>  <CurrencyCode>HKD</CurrencyCode>  <RealizedPLItems>  <RealizedPLItem>  <SerialNo>8295</SerialNo>  <ContractNo>201606071</ContractNo>  <ContractDate>  07&#47;06&#47;2016  </ContractDate>  <CompanyCode>540.HK</CompanyCode>  <MarketCode></MarketCode>  <Exchange></Exchange>  <Symbol>540.HK</Symbol>  <CompanyName>540.HK</CompanyName>  <Mode>Cash</Mode>  <Action>Buy</Action>  <Currency>HKD</Currency>  <Qty>1200</Qty>  <Price>0.600</Price>  <Profit>0.00</Profit>  <PriceViewable>0</PriceViewable>  <LivePriceAccess>Y</LivePriceAccess>  </RealizedPLItem>  <RealizedPLItem>  <SerialNo>8296</SerialNo>  <ContractNo>2016060702/S</ContractNo>  <ContractDate>  07&#47;06&#47;2016  </ContractDate>  <CompanyCode>540.HK</CompanyCode>  <MarketCode></MarketCode>  <Exchange></Exchange>  <Symbol>540.HK</Symbol>  <CompanyName>540.HK</CompanyName>  <Mode>Cash</Mode>  <Action>Sell</Action>  <Currency>HKD</Currency>  <Qty>1200</Qty>  <Price>0.700</Price>  <Profit>120.00</Profit>  <PriceViewable>0</PriceViewable>  <LivePriceAccess>Y</LivePriceAccess>  </RealizedPLItem></RealizedPLItems>  <SubTotalCurrency>HKD</SubTotalCurrency>  <SubTotal>120.00</SubTotal>  </CurrencyGroup>  </CurrencyGroups>  <LastUpdatedTime>  15&#47;09&#47;2016 17:11  </LastUpdatedTime>  </RealizedPLList> | | | |

### 4.12 Script Position

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /AcctMgmtWebService/getScripPosition | | | |
| Description | To retrieve client script position list | | | |
| Parameters | AcctNo | Account ID | String | Require |
| SessionID | Session ID | String | Require |
| VersionNo | Version NO | String |  |
| AcctType | Account type (ref. 4.1 result) | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <ScripPositionsList>  <UpdatedTime>16/09/2016 07:15</UpdatedTime>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  <ScripPositions>  <ScripPosition>  <Exchange>NYSE</Exchange>  <ExchangeDisplay>NYSE</ExchangeDisplay>  <Market>US</Market>  <CompanyCode>BRK.B</CompanyCode>  <CompanyName>BERKSHIRE HATH-B</CompanyName>  <Qty>250</Qty>  <SuspendedQty>0</SuspendedQty>  <MktValue>48,959.78</MktValue>  <UnrealizedPL>-4,102.17</UnrealizedPL>  <UnrealizedPLColor>R</UnrealizedPLColor>  <AveCostPrice>161.2387</AveCostPrice>  <AveCostPriceFull>  161.23871998  </AveCostPriceFull>  <ClosingPrice>144.83</ClosingPrice>  <TradedCurrency>USD</TradedCurrency>  <TotalCost>40,309.68</TotalCost>  <IsTradable>true</IsTradable>  </ScripPosition>  <ScripPosition>  <Exchange>NYSE</Exchange>  <ExchangeDisplay>NYSE</ExchangeDisplay>  <Market>US</Market>  <CompanyCode>C</CompanyCode>  <CompanyName>CITIGROUP INC</CompanyName>  <Qty>12</Qty>  <SuspendedQty>0</SuspendedQty>  <MktValue>739.44</MktValue>  <UnrealizedPL>136.2</UnrealizedPL>  <UnrealizedPLColor>G</UnrealizedPLColor>  <AveCostPrice>34.22</AveCostPrice>  <AveCostPriceFull>34.22</AveCostPriceFull>  <ClosingPrice>45.57</ClosingPrice>  <TradedCurrency>USD</TradedCurrency>  <TotalCost>410.64</TotalCost>  <IsTradable>true</IsTradable>  </ScripPosition>  <ScripPosition>  <Exchange>NYSE</Exchange>  <ExchangeDisplay>NYSE</ExchangeDisplay>  <Market>US</Market>  <CompanyCode>TRV</CompanyCode>  <CompanyName>TRAVELERS CO INC</CompanyName>  <Qty>19</Qty>  <SuspendedQty>0</SuspendedQty>  <MktValue>2,834.58</MktValue>  <UnrealizedPL>748.22</UnrealizedPL>  <UnrealizedPLColor>G</UnrealizedPLColor>  <AveCostPrice>70.95</AveCostPrice>  <AveCostPriceFull>70.95</AveCostPriceFull>  <ClosingPrice>110.33</ClosingPrice>  <TradedCurrency>USD</TradedCurrency>  <TotalCost>1,348.05</TotalCost>  <IsTradable>true</IsTradable>  </ScripPosition>  <ScripPosition>  <CompanyName>NINTENDO CO-ADR</CompanyName>  <Qty>200</Qty>  <SuspendedQty>0</SuspendedQty>  <MktValue>4,724.58</MktValue>  <UnrealizedPL>-7,652.62</UnrealizedPL>  <UnrealizedPLColor>R</UnrealizedPLColor>  <AveCostPrice>55.7331</AveCostPrice>  <AveCostPriceFull>55.7331</AveCostPriceFull>  <ClosingPrice>17.47</ClosingPrice>  <TradedCurrency>USD</TradedCurrency>  <TotalCost>11,146.62</TotalCost>  <IsTradable>false</IsTradable>  </ScripPosition>  </ScripPositions>  </ScripPositionsList> | | | |

## 5. OrderStatusWebService

<http://118.189.144.221/PMobile_Wechat/OrderStatusWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | **getOrderDetails** | It will return the detail order status of the specified order |
| **2** | **getPastOrdersNew** | It will return the list of orders for specific past date |
| **3** | **getPastOrdersDates** | It will return the available past order dates |
| **4** | **getTodayOrders** | It will return the list of today orders |
| **5** | withdrawOrderWPwd | To withdraw the order |
| **6** | amendOrderWPwd | To amend the order quantity (only SG market) |

### 5.1 getOrderDetails

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /OrderStatusWebService/getOrderDetails | | | |
| Description | It will return the detail order status of the specified order | | | |
| Parameters | AccountNo | Account ID | String |  |
| RefNo | Order reference number | String |  |
| Market | market | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| VersionNo | Application version number | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <OrderDetail>  <Market>SG</Market>  <CompanyCode>DBS.SG</CompanyCode>  <CompanyName>DBS</CompanyName>  <Symbol>D05</Symbol>  <Action>BUY</Action>  <UndisclosedQty>0</UndisclosedQty>  <SubmittedPrice>15.010</SubmittedPrice>  <StopPrice>0.000</StopPrice>  <SubmittedTime>09/16/2016 12:04:40</SubmittedTime>  <COrderNo>160916005837996</COrderNo>  <OrderNo>5838008</OrderNo>  <OrderStatus>OR</OrderStatus>  <OriginalQty>100</OriginalQty>  <SubmittedQty>100</SubmittedQty>  <Amendable>Y</Amendable>  <Withdrawable>Y</Withdrawable>  <AmendableQty>100</AmendableQty>  <CurrencyCode>S$</CurrencyCode>  <SettlCurrency>SGD</SettlCurrency>  <ExecutedTime>09/16/2016 14:10:16</ExecutedTime>  <OrderIcon></OrderIcon>  <OrderStatusDesc>Order Received</OrderStatusDesc>  <Remark>Cash</Remark>  <Validity>Day</Validity>  <GoodTillDate></GoodTillDate>  <OrderType>Limit Order</OrderType>  <TriggerPriceType></TriggerPriceType>  <ExecutedQty>0</ExecutedQty>  <Message>  Order amended  Order amended  Order amended  Order amended  </Message>  <LotSize>100</LotSize>  <Orders>  <OrderAmended>  <Message>Order amended</Message>  <ExecutedTime>09/16/2016 14:10:16</ExecutedTime>  </OrderAmended>  <OrderAmended>  <Message>Order amended</Message>  <ExecutedTime>09/16/2016 14:11:12</ExecutedTime>  </OrderAmended>  <OrderAmended>  <Message>Order amended</Message>  <ExecutedTime>09/16/2016 14:13:10</ExecutedTime>  </OrderAmended>  <OrderAmended>  <Message>Order amended</Message>  <ExecutedTime>09/16/2016 14:17:07</ExecutedTime>  </OrderAmended>  </Orders>  </OrderDetail> | | | |

### 5.2 getPastOrdersNew

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /OrderStatusWebService/getPastOrdersNew | | | |
| Description | It will return the list of orders for specific past date | | | |
| Parameters | PastDate | Past date | String |  |
| SortOrder | Sort order (1: ASC, 2: DESC) | String |  |
| AcctID | Account number | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| MarketFilter | Market filter to retrieve all orders or mobile supported market only (“ALL” – not to filter by market) | String |  |
| VersionNo | Application version number | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <Orders>  <Order>  <MarketDisplay>SG</MarketDisplay>  <Market>SG</Market>  <Exchange></Exchange>  <RefNo>5838005</RefNo>  <OrderNo>5838008</OrderNo>  <Symbol>D05</Symbol>  <CompanyCode>DBS.SG</CompanyCode>  <CompanyName>DBS</CompanyName>  <OrderStatus>OR</OrderStatus>  <OrderStatusDesc>Received</OrderStatusDesc>  <Action>BUY</Action>  <OrderQty>100</OrderQty>  <OrderType>Limit</OrderType>  <ExecutedQty>0</ExecutedQty>  <ExecutedPrice></ExecutedPrice>  <SubmittedPrice>15.0100</SubmittedPrice>  <SubmittedTime>Sep 16 2016 12:04PM</SubmittedTime>  <OrderIcon></OrderIcon>  <PaymentMode>Cash</PaymentMode>  <CounterDetailsView>Y</CounterDetailsView>  </Order>  <Order>  <MarketDisplay>SG</MarketDisplay>  <Market>SG</Market>  <Exchange></Exchange>  <RefNo>5838006</RefNo>  <OrderNo>5838007</OrderNo>  <Symbol>P5P</Symbol>  <CompanyCode>CAPD.SG</CompanyCode>  <CompanyName>CIMB APAC Div US$</CompanyName>  <OrderStatus>OR</OrderStatus>  <OrderStatusDesc>Received</OrderStatusDesc>  <Action>BUY</Action>  <OrderQty>100</OrderQty>  <OrderType>Limit</OrderType>  <ExecutedQty>0</ExecutedQty>  <ExecutedPrice></ExecutedPrice>  <SubmittedPrice>0.8080</SubmittedPrice>  <SubmittedTime>Sep 16 2016 11:54AM</SubmittedTime>  <OrderIcon></OrderIcon>  <PaymentMode>Cash</PaymentMode>  <CounterDetailsView>Y</CounterDetailsView>  </Order>  </Orders> | | | |

### 5.3 getPastOrderDates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /OrderStatusWebService/getPastOrderDates | | | |
| Description | It will return the available past order dates | | | |
| Parameters | AcctID | Account number | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| VersionNo | Application version number | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <PastOrderDates>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  <PastOrderDate>Mon, Sep 19, 2016</PastOrderDate>  <PastOrderDate>Fri, Sep 16, 2016</PastOrderDate>  <PastOrderDate>Thu, Sep 15, 2016</PastOrderDate>  <PastOrderDate>Wed, Sep 14, 2016</PastOrderDate>  <PastOrderDate>Tue, Sep 13, 2016</PastOrderDate>  <PastOrderDate>GTD (Past 7 Days)</PastOrderDate>  </PastOrderDates> | | | |

### 5.4 getTodayOrders

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /OrderStatusWebService/getTodayOrders | | | |
| Description | It will return the list of today orders | | | |
| Parameters | SortColumn | Column to be sorted (0: CompanyName, 1: SubmittedTime, 2: ExecutedQty, 3: OrderStatus) | String |  |
| SortOrder | 1: ASC, 2: DESC | String |  |
| AccountNo | Account Number | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| MarketFilter | Market filter to retrieve all orders or mobile supported market only (“ALL” – not to filter by market) | String |  |
| VersionNo | Application version number | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <Orders>  <Order>  <MarketDisplay>SG</MarketDisplay>  <Market>SG</Market>  <Exchange></Exchange>  <RefNo>5838081</RefNo>  <OrderNo>5838081</OrderNo>  <Symbol>U11</Symbol>  <CompanyCode>UOB.SG</CompanyCode>  <CompanyName>UOB</CompanyName>  <OrderStatus>WD</OrderStatus>  <OrderStatusDesc>Withdrawn</OrderStatusDesc>  <Action>BUY</Action>  <OrderQty>1000</OrderQty>  <OrderType>Limit</OrderType>  <ExecutedQty>0</ExecutedQty>  <ExecutedPrice></ExecutedPrice>  <SubmittedPrice>18.0100</SubmittedPrice>  <SubmittedTime>Sep 20 2016 2:35PM</SubmittedTime>  <OrderIcon>B</OrderIcon>  <PaymentMode>Cash</PaymentMode>  <CounterDetailsView>Y</CounterDetailsView>  </Order>  </Orders> | | | |

### 5.5 withdrawOrderWPwd

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | withdrawOrderWPwd | | | |
| Description | To withdraw the order | | | |
| Parameters | AccountNo | Account number | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| RandomNo | E2ee Random number | String |  |
| Password | E2ee PIN | String |  |
| Market | Market | String |  |
| OrderNo | Order number | String |  |
| TimeStamp | Time stamp | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <WithdrawOrder>  <ReturnCode>1</ReturnCode>  <ReturnMessage></ReturnMessage>  </WithdrawOrder> | | | |

### 5.6 amendOrderWPwd

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | amendOrderWPwd | | | |
| Description | To amend the order quantity (only SG market) | | | |
| Parameters | AccountNo | Account number | String |  |
| SessionID | Session id | String |  |
| UDID | Device id | String |  |
| RandomNo | E2ee Random number | String |  |
| Password | E2ee PIN | String |  |
| Market | Market | String |  |
| OrderNo | Order number | String |  |
| AmendedQty | New quantity to amend | String |  |
| TimeStamp | Time stamp | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <AmendOrder>  <ReturnCode>1</ReturnCode>  <ReturnMessage>Your order has been amended.</ReturnMessage>  </AmendOrder > | | | |

## 6. SettingWebService

<http://118.189.144.221/PMobile_Wechat/SettingWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | collectToken |  |
| **2** | **getAdvancedOrderSettings** | To retrieve advanced order settings information |
| **3** | getAlertConfirmationMessage |  |
| **4** | getAlertSettings |  |
| **5** | getClientSetting |  |
| **6** | getCurrentDateTime |  |
| **7** | getCustSuppInfo |  |
| **8** | getPMPChartPreAuth |  |
| **9** | **getPMPSettings** | To retrieve the list of PMP servers and settings |
| **10** | getUserAlertSettings |  |
| **11** | updateAlertNotificationState |  |
| **12** | updateAutoRefreshSetting |  |
| **13** | updateUserAlertSettings |  |
| **14** | updateUserTokenNo |  |

### 6.1 getPMPSettings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL | /SettingWebService/getPMPSettings | | | |
| Description | To retrieve the list of PMP servers and settings | | | |
| Parameters | AccID | Account Number | String |  |
| SessionID | Session id | String |  |
| VersionNo | Application version number | String |  |
| OSVersion | Device os version | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <PMPSettingsResult>  <CounterDetails>Y</CounterDetails>  <LIVECHART>Y</LIVECHART>  <MarketDepth>Y</MarketDepth>  <TimeSales>Y</TimeSales>  <Top30>Y</Top30>  <WatchList>Y</WatchList>  <PMPMarkets>  <PMPMarket>  <Market>CN</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>HK</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>JP</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>MY</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>SG</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>UK</Market>  <PreferredURL>https://118.189.144.221/PMPPrice</PreferredURL>  <URLs>  <URL>https://118.189.144.221/PMPPrice</URL>  <URL>https://118.189.144.221/PMPPrice2</URL>  </URLs>  </PMPMarket>  <PMPMarket>  <Market>US</Market>  <PreferredDelayedURL>https://118.189.144.221/PMPPriceUSDelayed</PreferredDelayedURL>  <PreferredLiveURL>https://118.189.144.221/PMPPriceUSLive</PreferredLiveURL>  <DelayedURLs>  <URL>https://118.189.144.221/PMPPriceUSDelayed</URL>  <URL>https://118.189.144.221/PMPPriceUSDelayed2</URL>  </DelayedURLs>  <LiveURLs>  <URL>https://118.189.144.221/PMPPriceUSLive</URL>  <URL>https://118.189.144.221/PMPPriceUSLive2</URL>  </LiveURLs>  </PMPMarket>  </PMPMarkets>  <PMPChartURLs>  <HistoricalURL>http://118.189.144.221/PMPHistorical2</HistoricalURL>  <HistoricalURL>http://chartgateway.poems.com.sg</HistoricalURL>  <LiveURL>http://118.189.144.221/PMPStream2</LiveURL>  <LiveURL>http://chartpmp2.poems.com.sg</LiveURL>  <TOPICSURL>http://118.189.144.221/PMPTopic</TOPICSURL>  </PMPChartURLs>  </PMPSettingsResult> | | | |

### 6.2 getAdvancedOrderSettings

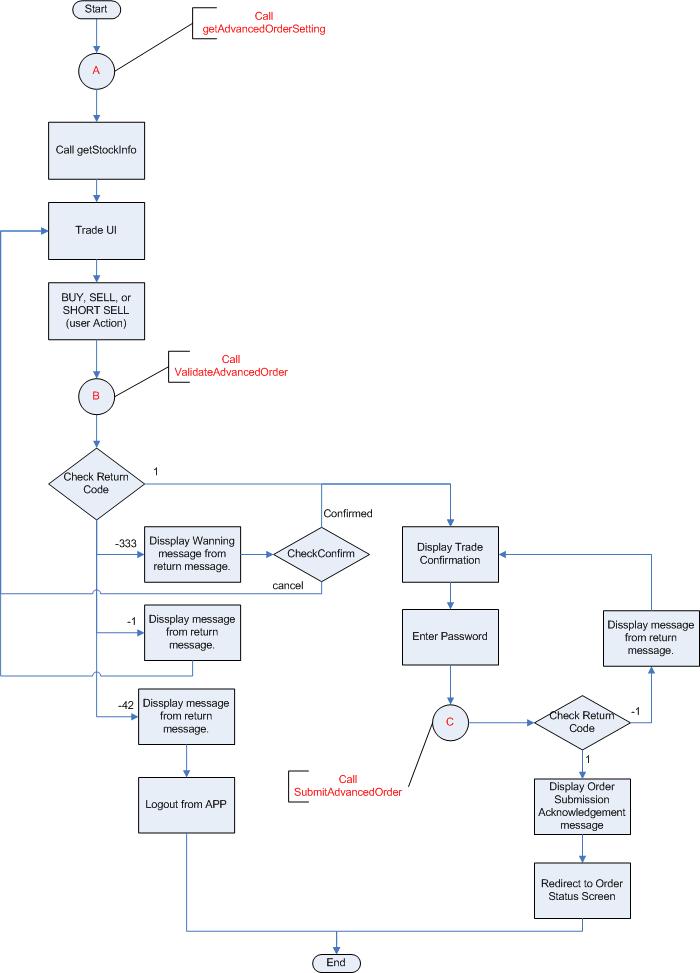
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | **getAdvancedOrderSettings** | | | |
| Description | To retrieve the list of PMP servers and settings | | | |
| Parameters | AccID | Account number | String |  |
| SessionID | Session id | String |  |
| VersionNo | Application version number | String |  |
| OSVersion | Os version number | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <AdvancedOrderSettingsResult>  <CN>  <LO>Y</LO>  </CN>  <HK>  <LO>Y</LO>  </HK>  <JP>  <LO>Y</LO>  </JP>  <MY>  <LO>Y</LO>  </MY>  <SG>  <AdvGTD>Y</AdvGTD>  <GTD>Y</GTD>  <LIT>Y</LIT>  <LO>Y</LO>  <SLO>Y</SLO>  </SG>  <UK>  <LO>Y</LO>  </UK>  <US>  <LO>Y</LO>  <SLO>Y</SLO>  </US>  </AdvancedOrderSettingsResult> | | | |

## 7. TradingWebService

<http://118.189.144.221/PMobile_Wechat/TradingWebService?WSDL>

|  |  |  |
| --- | --- | --- |
|  | **Function Name** | **Description** |
| **1** | **getStockInfo** | To retrieve the details stock information for specified counter for trade screen and validation |
| **2** | **validateAdvancedOrder** | To validate the order |
| **3** | **submitAdvancedOrder** | To submit the order |

**Order Submitting Flow**

****

Communication between Front End App and Middle Tier

### 7.1 getStockInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | getStockInfo | | | |
| Description | To retrieve the list of PMP servers and settings | | | |
| Parameters | CompanyCode | Company Code (e.g UOB.SG, AAPL) | String |  |
| Market | Market (e.g SG, US) | String |  |
| AcctID | Account Number | String |  |
| SessionID | Session id | String |  |
| Produce | xml | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <StockInfo>  <BuyLimit>999999999.0000</BuyLimit>  <SellLimit>999999999999.0000</SellLimit>  <FundLimit>0.0000</FundLimit>  <Exchange>SG</Exchange>  <Market>SG</Market>  <StockCode>DBS.SG</StockCode>  <Symbol>D05</Symbol>  <PMPFeedCode>D05</PMPFeedCode>  <CompanyName>DBS</CompanyName>  <StockCurrency>S$</StockCurrency>  <CPF>1</CPF>  <LastDone>17.730</LastDone>  <BuyPrice>17.730</BuyPrice>  <SellPrice>17.740</SellPrice>  <Change>0.1800</Change>  <Volume>2,902.6</Volume>  <BuyVolume>2.0</BuyVolume>  <SellVolume>16.8</SellVolume>  <HighPrice>17.8300</HighPrice>  <LowPrice>17.4000</LowPrice>  <TimeDone>16:47</TimeDone>  <ExpiryDate></ExpiryDate>  <SecurityType>S</SecurityType>  <SecuritySubType></SecuritySubType>  <ListingPrice>999.0000</ListingPrice>  <BidRange>60</BidRange>  <LotSize>100</LotSize>  <LotSizeType>1</LotSizeType>  <SIP>0</SIP>  <LivePriceAccess>Y</LivePriceAccess>  <PaymentModes>  <PaymentMode>Cash</PaymentMode>  <PaymentMode>CPF</PaymentMode>  <PaymentMode>SRS</PaymentMode>  </PaymentModes>  <PaymentActions>  <TradingActions>  <PaymentName>Cash</PaymentName>  <TradingAction>1</TradingAction>  </TradingActions>  <TradingActions>  <PaymentName>CPF</PaymentName>  <TradingAction>1</TradingAction>  </TradingActions>  <TradingActions>  <PaymentName>SRS</PaymentName>  <TradingAction>1</TradingAction>  </TradingActions>  </PaymentActions>  <BidSize>0.01</BidSize>  <UpperLimit>17.930000</UpperLimit>  <LowerLimit>17.530000</LowerLimit>  <BidSizeItems>  <BidSizeItem>  <Min>0.000000</Min>  <Max>0.200000</Max>  <BidSizeVal>0.001000</BidSizeVal>  <ValidationBidSize>0.001000</ValidationBidSize>  </BidSizeItem>  <BidSizeItem>  <Min>0.200000</Min>  <Max>2.000000</Max>  <BidSizeVal>0.005000</BidSizeVal>  <ValidationBidSize>0.005000</ValidationBidSize>  </BidSizeItem>  <BidSizeItem>  <Min>2.000000</Min>  <Max>9999999999.999998</Max>  <BidSizeVal>0.010000</BidSizeVal>  <ValidationBidSize>0.010000</ValidationBidSize>  </BidSizeItem>  </BidSizeItems>  <SettlementCurrencies>  <SettlementCurrency>SGD</SettlementCurrency>  </SettlementCurrencies>  <MaxDecimal>2</MaxDecimal>  </StockInfo> | | | |

### 7.2 validateAdvancedOrder

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Function | **validateAdvancedOrder** | | | | |
| Description | To retrieve the list of PMP servers and settings | | | | |
| Parameters | AcctID | Account number | | String |  |
| SessionID | Current login session id | | String |  |
| UDID | Client’s device UDID | | String |  |
| TimeStamp | Time stamp when the order was submitted | | String |  |
| VersionNo | Version number of the application | | String |  |
| Market | Market | | String |  |
| Exchange | Exchange | | String |  |
| CompanyCode | Company code | | String |  |
| Action | User action (1: Buy, 2: Sell, 5: Short Sell) | | String |  |
| OrderType | Order type (LO: Limit Order, SLO: Stop Limit Order, LIT: Limit if touch) | | String |  |
| LimitPrice | Limit Price | | String |  |
| StopPrice | Stop Price | | String |  |
| Quantity | Quantity | | String |  |
| SettlementCurrency | Settlement currency | | String |  |
| Payment | Payment mode | | String |  |
| ForceKey | Force Key | | String |  |
| TriggerPriceType | Trigger price type (LD: LastDone, ASK: Ask, BID: Bid) | | String |  |
| Validity | Validity of the order (Day, GTD) | | String |  |
| GoodTillDate | Good-till-date for GTD (yyyy-mm-dd) | | String |  |
| Produce | xml | | | | |
| Result | <?xml version="1.0" encoding="UTF-8"?>  <ValidateAdvancedOrder>  <ReturnCode>1</ReturnCode>  <ReturnMessage>Order validated successfully.</ReturnMessage>  <TradeNote>  <Title></Title>  <Message></Message>  </TradeNote>  </ValidateAdvancedOrder>  Note: API will return the trade note for the advanced order (stop limit or limit-if-touch). | | | | |
| Output | **Success Output** | | **Description** | | |
|  | ValidateAdvancedOrder | | If the order has been submitted successfully | | |
|  | -ReturnCode | | 1 | | |
|  | -ReturnMessage | | “Order Submitted successfully.” | | |
|  | **Error Output** | | **Description** | | |
|  | Error | | If there’s an error or invalid session | | |
|  | -ReturnCode | | Error Code ( -1, -42 ) | | |
|  | -ReturnMessage | | Error message | | |
|  | **Warning Output** | | **Description** | | |
|  | Error | | If there’s an error or invalid session | | |
|  | -ReturnCode | | Error Code ( -333 ) | | |
|  | -ReturnMessage | | Array of Warning message | | |
|  | -Message | | Warning message | | |

### 7.3 submitAdvancedOrder

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Function | **submitAdvancedOrder** | | | | |
| Description | To retrieve the list of PMP servers and settings | | | | |
| Parameters | AcctID | Account number | | String |  |
| SessionID | Current login session id | | String |  |
| UDID | Client’s device UDID | | String |  |
| TimeStamp | Time stamp when the order was submitted | | String |  |
| VersionNo | Version number of the application | | String |  |
| Market | Market | | String |  |
| Exchange | Exchange | | String |  |
| CompanyCode | Company code | | String |  |
| Action | User action (BUY, SELL, SHORTSELL) | | String |  |
| OrderType | Order type (LO: Limit Order, SLO: Stop Limit Order, LIT: Limit if touch) | | String |  |
| LimitPrice | Limit Price | | String |  |
| StopPrice | Stop Price | | String |  |
| Quantity | Quantity | | String |  |
| SettlementCurrency | Settlement currency | | String |  |
| Payment | Payment mode (CPF, SRS, CASH) | | String |  |
| ForceKey | Force Key (N) | | String |  |
| TriggerPriceType | Trigger price type (LD: LastDone, ASK: Ask, BID: Bid) | | String |  |
| Validity | Validity of the order (Day, GTD) | | String |  |
| GoodTillDate | Good-till-date for GTD (yyyy-mm-dd) | | String |  |
| ClientAcknowledged | Client acknowledge or not (Y: Yes, N: No) | | String |  |
| Produce | xml | | | | |
| Result |  | | | | |
| Output | **Success Output** | | **Description** | | |
|  | SubmitAdvancedOrder | | If the order has been validated successfully | | |
|  | -ReturnCode | | 1 | | |
|  | -ReturnMessage | | “Order validated successfully.” | | |
|  | **Error Output** | | **Description** | | |
|  | Error | | If there’s an error or invalid session | | |
|  | -ReturnCode | | Error Code ( -1, -42 ) | | |
|  | -ReturnMessage | | Error message | | |
|  | **Warning Output** | | **Description** | | |
|  | Error | | If there’s an error or invalid session | | |
|  | -ReturnCode | | Error Code ( -333 ) | | |
|  | -ReturnMessage | | Array of Warning message | | |
|  | -Message | | Warning message | | |