Supplement to the Details of Functions of the WE Control API: Multi-Client Function

WeLockStation

Description
Gets access privileges to the measuring station. If this API function is issued to a station that is already being accessed by another PC, an error (209) occurs.

Syntax
WeLockStation (ByVal hSt As Long) As Integer

Return value
Returns 0 if successful. Returns an error code if unsuccessful.

Parameters
hSt (IN) Station handle

Example (Visual Basic)
Dim hSt As Long
Dim ret As Integer
' Get the station handle of the station named "Station 1."
ret = WeOpenStation("Station 1", hSt)
' Turn ON Station 1.
ret = WePower(hSt, WE_ON)
' Get access privileges to the station named "Station 1."
ret = WeLockStation(hSt)

WeUnlockStation

Description
Frees access to the specified station. If this API function is issued to a station that is already being accessed by another PC, an error (209) occurs.

Syntax
WeUnlockStation (ByVal hSt As Long) As Integer

Return value
Returns 0 if successful. Returns an error code if unsuccessful.

Parameters
hSt (IN) Station handle
**Example (Visual Basic)**

```vbnet
Dim hSt As Long
Dim ret As Integer
' Get the station handle of the station named "Station 1."
ret = WeOpenStation("Station 1", hSt)
' Turn ON Station 1.
ret = WePower(hSt, WE_ON)
' Get access privileges to the station named "Station 1."
ret = WeLockStation(hSt)

' Frees access to the station named "Station 1."
ret = WeUnLockStation(hSt)
```

**WelsLockedStation**

**Description**
Queries the access privileges availability of the station (whether or not the station is being accessed).

**Syntax**

```vbnet
WelsLockedStation (ByVal hSt As Long, ByRef sw As Byte) As Integer
```

**Return value**
Returns 0 if successful. Returns an error code if unsuccessful.

**Parameters**

- **hSt (IN)** Station handle
- **sw (OUT)** Access privileges availability. Returns 0 if it is available. Returns 1 if access authority is not available.

**Example (Visual Basic)**

```vbnet
Dim hSt As Long
Dim ret As Integer
Dim sw As Byte
' Get the station handle of the station named "Station 1."
ret = WeOpenStation("Station 1", hSt)
' Turn ON Station 1.
ret = WePower(hSt, WE_ON)
' Get access privileges to the station named "Station 1."
ret = WeLockStation(hSt)
' Queries the access privileges availability of the station named "Station 1."
ret = WeIsLockedStation(hSt, sw)
```