3.1 Excel RTD

Excel RTD is a value-added module of ET Net HV2. It can be used to prepare reports for analysis. You may retrieve real-time data by RTD function and download the data directly to MS Office-Excel.

Information that has RTD support includes:

1. Securities (Stock+Warrant+CBBC)

2. Indexes

3. Index Futures

4. Stock Futures

5. Index Options

3.1.1 Basic Operation in Excel

To receive real-time data from HV2, you may type in the RTD formula in Excel (Maximum 500 fields value). The basic syntax of the RTD formula for ET Net is:

=RTD("etnet",,"code","item")

Steps:

1. Highlight a cell on the Excel spreadsheet

2. Type in the RTD formula and press "Enter" to confirm

3. If the cell display NAME? or #VALUE, it means the formula is incorrect

★Remarks:

• You may refer 3.2 RTD template to design for multiple columns of data download

• Recommended Window Excel version is 2003 and above

3.1.2 RTD for Securities

Formula:

=RTD("etnet",,"stock code","item")

For example, if you would like to get nominal price of stock code 5, you should input following formula. For more item codes, you may refer to table1.

=RTD("etnet",,"5", "n")

Table 1

Items	Codes	Items	Codes

Stock Chinese Short Name (TC)	tc	High	hi
Stock Chinese Short Name (SC)	sc	Low	lo
Stock English Short Name	en	Open	op
Stock Code	cd	Previous Close	pc
Nominal	n	Turnover	t
Bid	b	Shares Trade	st
Ask	a	Total Number of Transaction	nt

3.1.3 RTD for Indexes

Formula

=RTD("etnet",,"index code","item")

For example, if you would like to get last price of Hang Seng Index, you should input following formula. For more item codes, you may refer to table 2.

=RTD("etnet",,"hsi","l")

Table 2

Items	Codes	Items	Codes
Indexes code	cd	Open	op
Last	l	Previous Close	pc
High	hi	Turnover	t
Low	lo		

★Remarks:

• For index code, you may refer to the pull down list of Index Interval. Common index codes: hsi, cei, cci

• You can only download the total turnover for Main board total turnover (aoi) and GEM board total turnover (gei).

3.1.4 RTD for Index Futures

Formula

=RTD("etnet",,"future code.yyyymm","item")

For example, if you would like to get the last price of Hang Seng Index Futures

June 2017, you should input following formula. The year and month should be input as yyyymm format. For more item codes, you may refer to table 3.

=RTD("etnet",,"hsi.201706","l")

Table 3

Items	Codes	Items	Codes
Index Futures Code	cd	Bid Qty	bq
Previous Close	pc	Ask	a
Open	op	Ask Qty	aq
High	hi	Volume	v
Low	lo	EAS	eas
Last	l	Year	yr
Last Qty	lq	Month	mth
Bid	b	Tick	tic

★**Remarks**

• For index futures codes, you may refer to the pull down list of Futures Quotation. Common index futures codes: hsi, mhi, hhi

3.1.5 RTD for Stock Futures

Formula:

=RTD("etnet",,"stock code.yyyymm","item")

For example, if you would like to get the bid price of CKH Holdings (stock code:ckh) Mar2017, you should input following formula. The year and month should be input as yyyymm format. For more item codes, you may refer to table 4.

=RTD("etnet",,"ckh.201703","b")

Table 4

Items	Codes	Items	Codes
Stock Futures Code	cd	Bid Qty	bq
Previous Close	pc	Ask	a
Open	op	Ask Qty	aq
High	hi	Volume	v
Low	lo	EAS	eas

Last	l	Year	yr
Last Qty	lq	Month	mth
Bid	b	Tick	tic

★**Remarks:**

• For stock futures code, you may refer to pull down list of Futures Quotation.

3.1.6 RTD for Index Options

Formula:

=RTD("etnet",,"index option code.yyyymm.p/c.strike price","item")

For example, if you would like to get the bid price of Hang Seng Index Options (Call) at strike price 23800 of Mar 2017, you should input following formula. The year and month should be input as yyyymm format. For more item codes, you may refer to table 5.

=RTD("etnet",,"hsi.201703.c.23800","b")

Table 5

Items	Codes	Items	Codes
Previous Close	pc	Bid	b
Open	op	Bid Qty	bq
High	hi	Ask	a
Low	lo	Ask Qty	aq
Last	l	Volume	v
Last Qty	lq		

★**Remarks:**

• For index options code, you may refer to the Index Options Quotation. Common index options codes: hsi, hhi, mch