

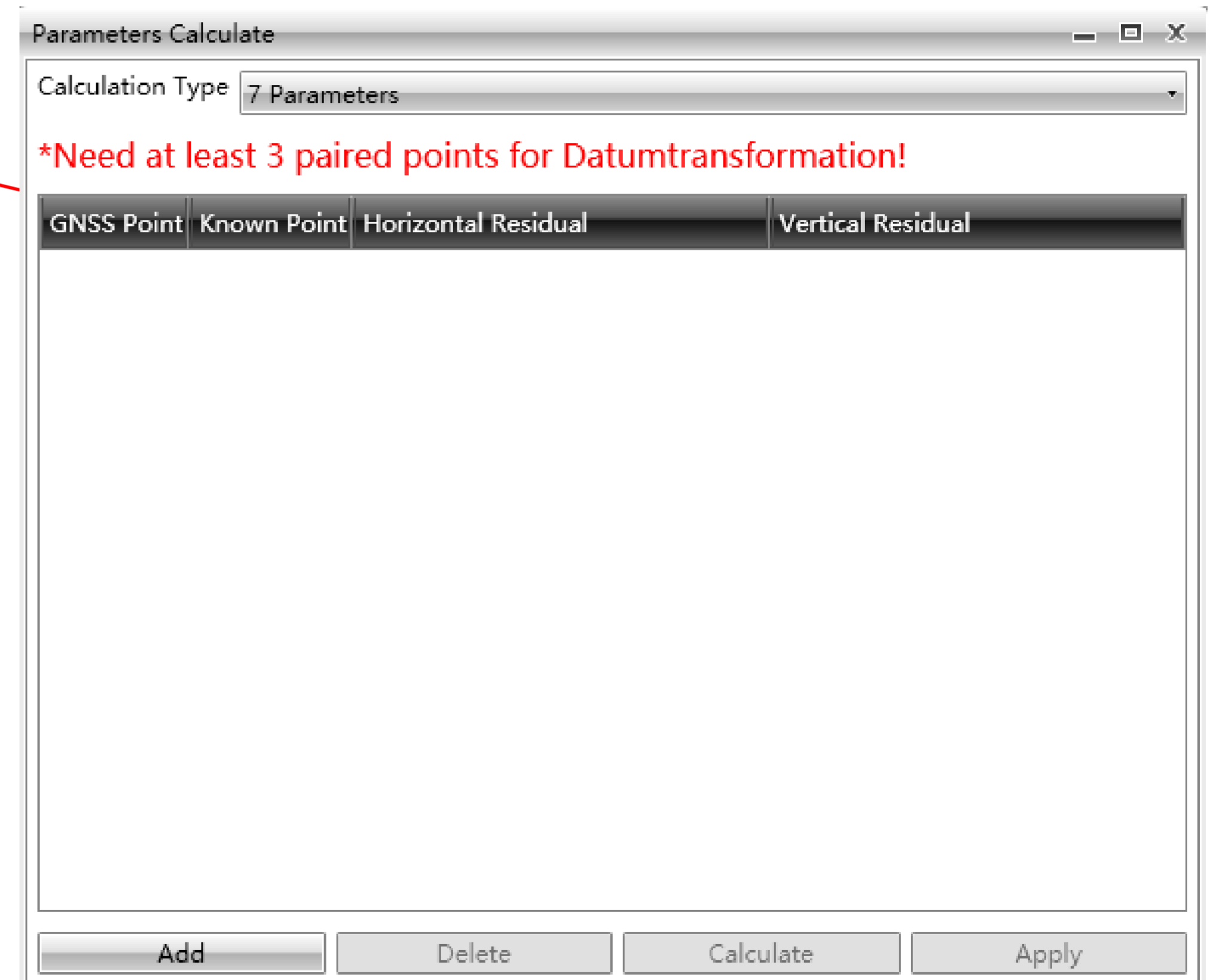
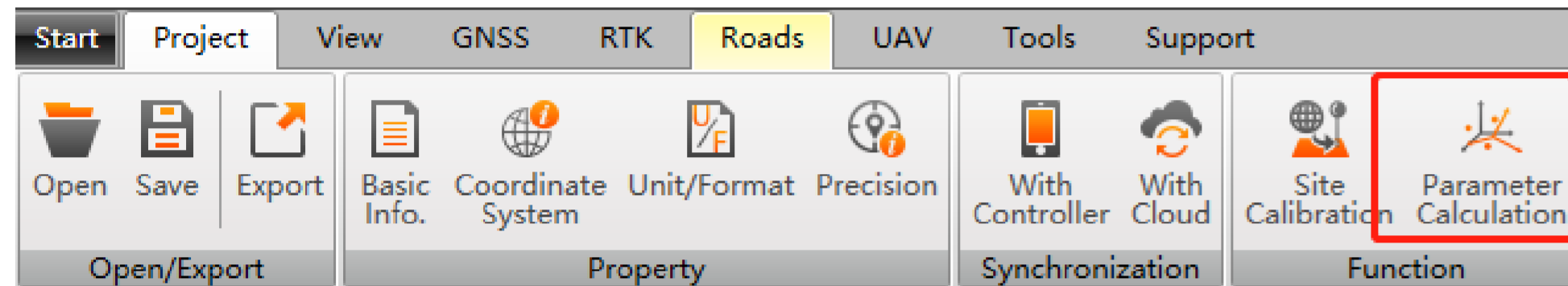
CHC Navigation Ltd

CGO2 Work Flow – Datum Transformation calculation

Step1: Create one new project

Please refer to [CGO2 Work Flow - Projects](#)

Step2: Site CAL



Step3: Add Known Points

Parameters Calculate

Calculation Type: 7 Parameters

***Need at least 3 paired points for Datumtransformation!**

GNSS Point	Known Point	Horizontal Residual	Vertical Residual

Buttons: Add, Delete, Calculate, Apply

Select Point Pair

GNSS Point

Name:

Lat:

Lon:

H:

Known Point

Name:

N:

E:

H:

Method: Horizontal+Vertical Calibra...

Buttons: OK, Cance

Choose Point

Contre	Station	North(m)	East(m)	Height(m)	Longitude(Local)	Latitude(Local)
▲	ASHD	9041115.58620	-7752604.56310	30.4480	034°37'31.6490521"E	031°45'59.8662459"N
	HEFE	8968473.83981	-7585128.35451	193.6147	035°04'18.7969027"E	032°17'10.6509864"N
	KSHO	8957890.81113	-7612150.84117	355.0656	035°05'46.7286062"E	032°10'16.1689495"N
	NETA	9013383.35437	-7602007.54234	39.7422	034°51'40.7238330"E	032°17'0.2092276"N
	RISH	9018913.62730	-7683910.45239	55.2793	034°46'25.6035125"E	031°59'16.5669204"N
	SHOA	8981393.60882	-7666976.70310	101.0923	034°56'57.4426310"E	031°59'59.7206336"N
	TELV	9021263.68910	-7664410.39786	44.8677	034°46'43.6083697"E	032°03'46.0034464"N
	ZOFI	8997961.44281	-7619921.84670	86.5537	034°54'53.3876069"E	032°11'46.6209192"N

Choose Point

Station	North	East	Height	Longitude(Local)	Latitude(Local)	Ellipsoid Hei
ASHD	9041115.58620	-7752604.56310	30.4480	034°37'31.6490521"E	031°45'59.8662459"N	30.4480

Buttons: OK, Cance

Step4: Calculate & Apply

Site Calibration

Height Fitting Method: Best practice

***Need at least 1 paired points for Horizontal Calibration, Need at least 1 paired points for Vertical Calibration!**

GNSS Point	Known Point	Horizontal Residual	Vertical Residual	Method
ASHD	ASHD	0	0	Horizontal+Vertical Calibration

Buttons: Add, Delete, Calculate, Apply

Apply

Set Coordinate

Method: Best Practice Parameters

Plane Calibration

Origin North	9041115.58620128
Origin East	-7752604.56310168
dx(m)	1.86265E-09
dy(m)	9.3132E-10
Rotation(sec)	0
Scale(ppm)	1

Buttons: OK, Cancel

In the United States, contact

iGage Mapping Corporation
+1-801-412-0011

www.igage.com/cgo2

For demos, pricing and additional information.

30-day fully functional demos are available by software code.

THANK YOU

CHCNAV

Make your work more efficient