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## Codelist Import with Smartworx Viva

First, edit the codelist file. Make the codelist a typical point list ASCII file (a .csv file with columns for PointID, Northing, Easting, Elevation, Code).

	A	B	C	D	E	F	G
1	1	1000	1000	100	AP	Aluminum Post	
2	2	1000.01	1000.01	100	FAP	Found Aluminum Post	
3	3	1000.02	1000.02	100	BLN	Baseline	
4	4	1000.03	1000.03	100	BM num	Benchmark	
5	5	1000.04	1000.04	100	BT num	Bearing Tree	
6	6	1000.05	1000.05	100	CAR	Cairn	
7	7	1000.06	1000.06	100	CIP	Capped IP	
8	8	1000.07	1000.07	100	CP	Capped Post	
9	9	1000.08	1000.08	100	IP	Iron Pin	
10	10	1000.09	1000.09	100	LP	Lead Plug	
11	11	1000.1	1000.1	100	FCIP	Found Capped IP	
12	12	1000.11	1000.11	100	FCP	Found Capped Post	
13	13	1000.12	1000.12	100	FIP	Found Iron Pin	
14	14	1000.13	1000.13	100	FLP	Found Lead Plug	
15	15	1000.14	1000.14	100	MNTP	Monitor Point	
16	16	1000.15	1000.15	100	MON num	Monument	

Each point will have an individual code. We will import this ASCII file to a new job in Smartworx. Once the job is imported, we can then extract the codelist from the job. Save the ASCII file to the DATA folder of your USB stick and insert the USB stick into your CS controller.

From the main menu of Smartworx, tap -> JOBS & DATA -> Import Data -> Import ASCII Data, and import the file as a new job. Tap CONFIG (F2) to make sure that the proper columns are assigned to the correct data.

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**Job: Codelist McE**

1 **Go to Work!**  
Survey & stake pts  
Start base station

**Jobs & Data**  
Point management  
Import & export

SmartWorx Viva

3 **Instrument**  
Settings & status  
Connections

4 **User**  
Software settings  
Screen & audio

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:01

OK | | | | Map

**Jobs & Data**

1 New job

2 View & edit data

3 Create control data

4 Job properties

5 Choose working job

6 Choose control job

Import data..

Export & copy data..

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:03

OK | | | | Map

**Import Data**

1 Import ASCII data

2 Import DXF data

3 Import alignment data

4 Import DTM data

5 Import XML data

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:04

OK | | | | Map

**Import ASCII Data**

**From:** USB

**Data type to import:** ASCII data

**From file:** Codelist McE.csv

**Header lines:** None

**To job:** Codelist McE\_1

**Create new job on import**

**Create new job as:** Working job

**Device:** Internal memory

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:04

OK | Config.. | View | | |

**Configuration**

**Delimiter:** Comma

**Point ID position:** 1

**Easting position:** 2

**Northing position:** 3

**Height position:** 4

**Code position:** 5

**Example:** P,E,N,H,C,//////////

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:05

OK | | | | Default

**Import ASCII Data**

**Information**

Import of data completed.  
 235 points imported.  
 0 records skipped.  
 Do you wish to import any more data?

Create new job on import

**Device:** Internal memory

3DCQ:----m 2DCQ:----m 1DCQ:----m Fn abc 10:05


OK | No | Yes

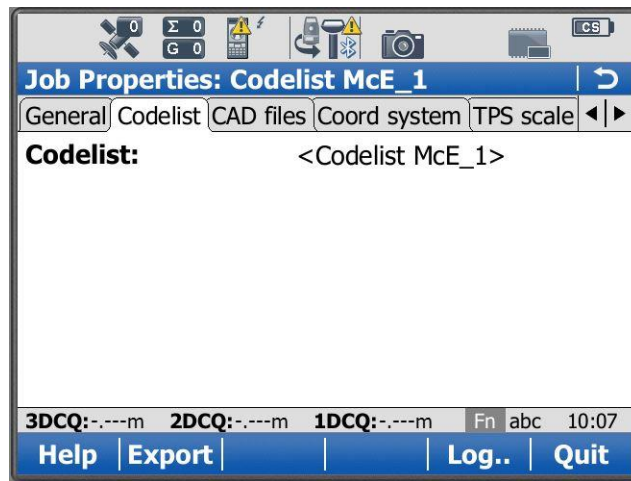
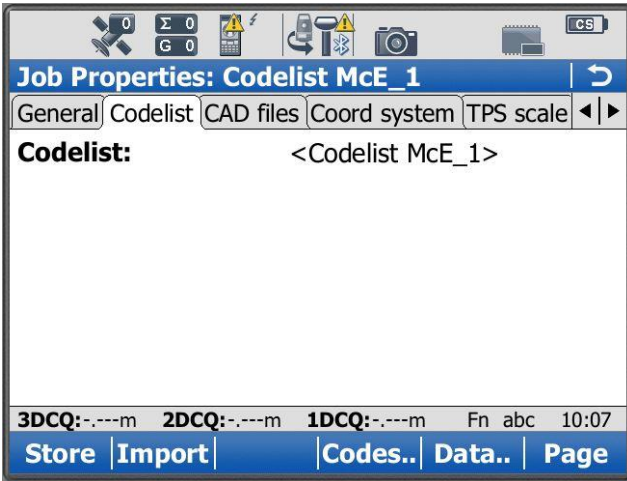
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Once the Job is imported, extract the Codelist from the project for use on other jobs. From the main menu of

Smartworx, tap: Jobs & Data -> Job Properties, and page over to the Codelist tab. Press the  key and tap EXPORT (F2)

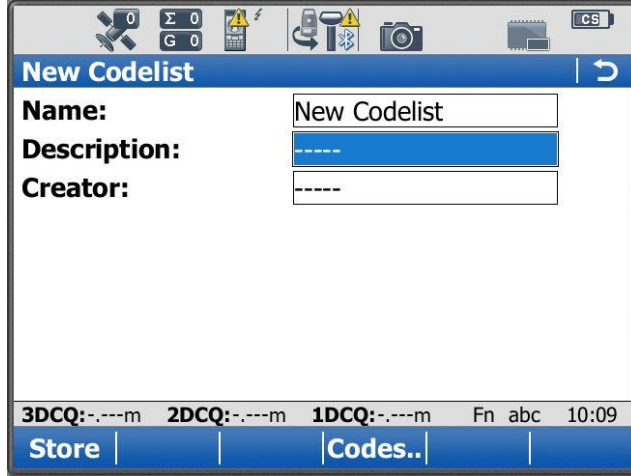
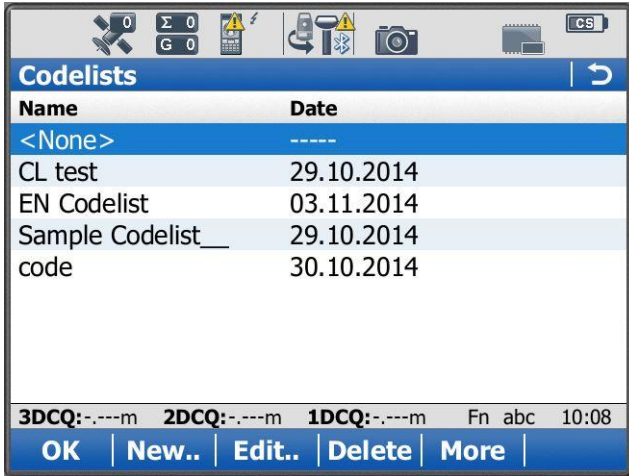


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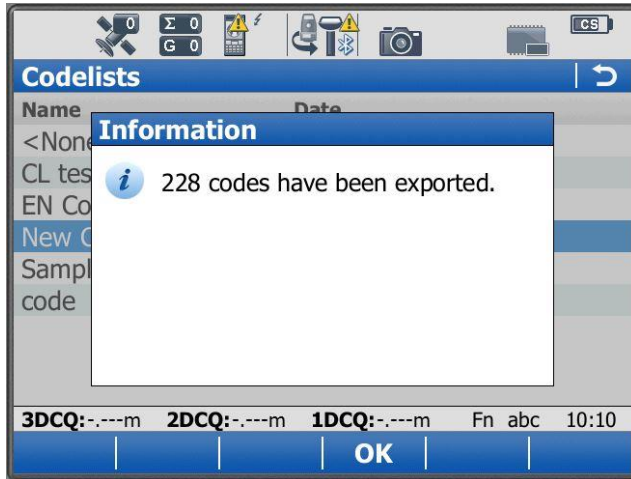
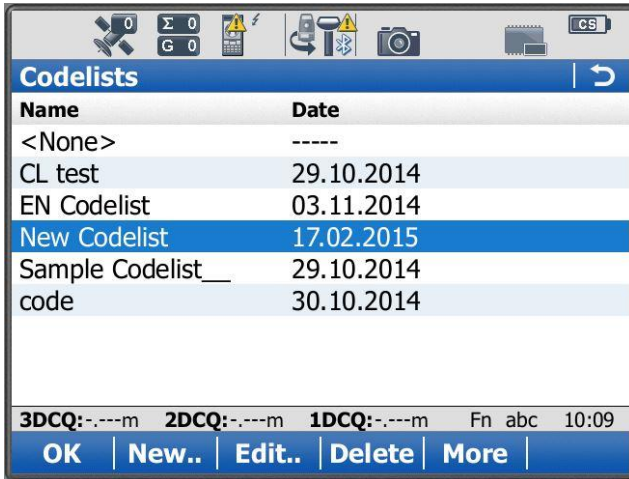
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Tap NEW (F2), name your codelist and tap STORE (F1).



Select the new codelist and OK (F1) to export the codelist.



The codelist should now be accessible for each project by tapings Job Properties and IMPORT the list.



- when it has to be **right** *Leica*  
*Geosystems*

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