

Survey Technical Support Notes

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Trimble Access- Calculate point offset perpendicular to a line

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Overview: There is a Cogo command in Trimble Access to calculate a perpendicular offset from a point to a line and a distance from either end of the line. Example; a user stakes out a line thru the woods setting offset points as they go along and need to compute these offsets.

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 70.0sft

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 Measure

Equipment: Trimble Access

Procedure: Key in and measure points as usual.

In Trimble Access → General Survey, select Cogo → Compute distance or page down to Calculator



If using the *Calculator method,* tap **Distance** softkey. This will allow you to do some math with this distance after it is calculated

Change the Method: to Between point and line

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Select the **Point name:** for the point you want to compute the offset and line distance for. Select the **Line name:**

- If the line already exists in the job, type it in or select from the list.
- If it does not already exist, change the line method to **Two Point** and set the *Start point* and *End point* of the line.

If the distance in from the other end of the line is required, just switch the *Start point:* and *End point:* fields

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Tap Store to save these results for review in Review job later



Note: The line and cogo points may already exist in the job or may be measured right Wildcard search from this Cogo screen.

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Contact Seiler Instrument for details or questions regarding this Support Note Web: <u>http://solutions.seilerinst.com</u>