

**UniSoft Geotechnical Solutions Ltd**  
**Software Testing Certification**

**Introduction**

Throughout this document, "our applications" refers to UniSettle 5.0 and UniPile 6.0.

The performance and accuracy of our applications has been carefully tested by carrying out analyses of problems with known analytical solutions.

The concepts and equations used in our applications originate from previously established geotechnical concepts. These concepts were obtained from the sources listed below.

- An Introduction to Geotechnical Engineering by Robert D. Holtz and William D. Kovacs (1981 edition ISBN 0-13-484394-0).
- Basics of Foundation Design by Bengt H. Fellenius (January 2024 edition).
- Interpretation of Cone Penetration Tests – A Unified Approach by P.K. Robertson (Canadian Geotech Journal 46: 1337-1335 2009).

**Results Validation**

Where possible, hand computations for the demo examples provided with the software and simplified cases were performed to validate the end results.

**Connection to Servers, Database, and Internet**

Our applications do not run background services that may affect the performance of servers or other connected computers. Our applications do not connect to any public database that may exist online or within the end user's computer. Our applications connect to our cloud service at startup up and at closing to validate and maintain licensing and release. We do not collect personal data other than the username and e-mail address. We do not track or communicate usage related to other systems or software.

## **Disclaimer**

UniSoft Geotechnical Solutions Ltd has been publishing and distributing UniSettle and UniPile since 1994. We take all necessary precautions to ensure that our software is correct. Errors and omissions are corrected as soon as they are discovered.

A professional engineer, licensed in the appropriate field of engineering, should always conduct the final evaluation of the application. And that individual, not UniSoft Geotechnical Solutions Ltd., or its employees and representatives, is responsible for the final engineering design and performance of the application at hand.

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