

Iikka Virkkunen doctorated from Helsinki University of technology (now part of Aalto University) in 2001. He founded Trueflaw Ltd. The same year, and has over 20 years of experience on working with NDT reliability. Trueflaw started out making cracks and cracked samples for NDT training and performance demonstration samples. Now the services include probability of detection (POD) services and automated flaw detection systems with machine learning (ML).

At the same time, Virkkunen continued academic contribution. He was nominated docent of Aalto University in 2007 and in 2015 was nominated Adjunct professor (part time). His research topics include NDT reliability, materials degradation, fatigue and residual stress measurements. He is currently focusing on development and adoption of machine learning for NDE.