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Planmeca and CephX Technologies LTD launch service for automatic cephalometric tracing and analysis

*The Finnish dental equipment manufacturer Planmeca has teamed up with CephX Technologies LTD to offer a new service for automatic cephalometric tracing and analysis. Utilising machine learning technology and artificial intelligence, the service has been designed to help the daily work of orthodontic practitioners around the world. It automatically delivers cephalometric tracing and analyses with a few clicks and in a matter of seconds when integrated into the **Planmeca Romexis®** dental imaging software.*

Planmeca and CephX Technologies LTD today announced the launch of an automatic cephalometric tracing and analysis service for the **Planmeca Romexis®** dental imaging software. The new service utilises CephX's intelligent AlgoCeph algorithm – a sophisticated application of artificial intelligence and machine learning technology based on thousands of manually traced cephalometric images.

The integration of AlgoCeph into the Planmeca Romexis software dramatically streamlines orthodontic practitioners' work. After image capturing in the software is completed, an automatic cephalometric analysis can be ordered with a few clicks and received in a matter of seconds.

The service can also be used directly online from a dedicated website which has been designed for Planmeca users who have yet to upgrade to the new Planmeca Romexis software version 4.6.

"Machine learning technology has tremendous potential in the world of radiology," states **Ville Salonen**, Product Manager, Planmeca Digital imaging and applications. "We are very excited to help users of our products save time and focus on patient treatment by offering them access to such a pioneering service. The future of orthodontics is now just one click away!"

Cephalometric analysis is commonly used by dentists and orthodontists to study skeletal relationships in the craniofacial complex. It also has many other uses such as predicting future changes, monitoring the success of ongoing treatment plans, evaluating a patient's dentofacial proportions and assisting doctors in the recognition of abnormalities. For these reasons, cephalometric analysis is crucial when developing and evaluating proper treatment plans for patients.

The challenge has been to provide analyses in a reliable and cost-effective way as patient's expectations increase and competition in the market grows. CephX's AlgoCeph algorithm saves valuable time for practitioners, reduces human error and contributes to better efficiency and improved patient handling right from the first appointment. Rather than spending valuable time on training, supporting and monitoring the work of others, practitioners can rely on sophisticated software drawing on one of the largest cephalometric databases in the world and focus on the value-generating throughput of patients.

"The world of orthodontics is evolving rapidly, as it provides patients continuous improvements in care," says **Daniel Abraham**, Chairman of CephX Technologies LTD. "Our first priority has always been to help practitioners focus on that – providing them with peace of mind regarding their cephalometric analyses."

"This is also the main reason we have teamed up with Planmeca and incorporated AlgoCeph technology into the Planmeca Romexis software," Abraham continues. "We are proud to be able to deliver what I believe is a substantial market revolution. We look forward to providing many more beneficial innovations in the near future based on this technology and cooperation."

If you are an orthodontic practitioner and wish to provide your patients better care through simple and immediate Ceph analysis, visit https://planmeca.cephx.com today!

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Planmeca Oy and Planmeca Group

Planmeca Oy is one of the world's leading dental equipment manufacturers with a product range covering digital dental units, CAD/CAM solutions, world-class 2D and 3D imaging devices and comprehensive software solutions. Headquartered in Helsinki, Finland, Planmeca's products are distributed in over 120 countries worldwide. With a strong commitment to pioneering innovations and design, it is the largest privately held company in its field. Planmeca Oy is part of the Finnish Planmeca Group, which operates in the field of health care technology.
www.planmeca.com

CephX Technologies LTD

CephX Technologies harnesses the latest machine learning and medical imaging technology to bring value to dental practitioners. By automating radiographic analysis and reporting, CephX saves time & money, drives efficiency and minimizing the need for staff training and monitoring. Headquartered in Herzeliya, one of Israel's technology & innovation centers, the company provides practitioners from all over the world with cloud-based dental analyses services.