NOVEL IMAGING TECHNOLOGIES TO INTEGRATE INTO AN EXISTING AESTHETICS DEVICE

A Leading Developer of Aesthetic and Medical Treatment Systems

The Client was looking to widen their current product offering and investigate whether there were any new, innovative, non-invasive *in vivo* imaging and sensing methods that were compatible with their devices. Patient safety, treatment consistency, and clinical efficacy were of high importance.

CHALLENGE

The Client engaged PreScouter in this Research Support Service Pilot to identify skin aesthetics imaging technologies that could be added onto their existing diagnostic imaging device. The ideal technology would be one that required little training, could be implemented quickly, and would add a new feature to the existing device.

APPROACH

The PreScouter team used a mixture of primary and secondary research to hone in on technologies of interest to the Client team. As other techs of possible interest were discovered, these were briefly investigated through deep-dive profiles, bringing the total number of technologies identified by PreScouter to 74. A scoring matrix was created for the Client to identify the 16 most promising technologies, and Subject Matter Expert interviews were conducted to broadly explore hardware solutions, imaging modalities, and software applications.

Six technologies were then selected for a rigorous review by SMEs. Outreach was performed to obtain more information on the 6 technologies and to identify potential collaboration opportunities for the Client team.

OUTCOME

PreScouter's work resulted in 5 potential collaborations, 2 of which were of interest to the Client.

Impact of PreScouter's Work: The PreScouter team set up initial conversations between the Client and the 2 companies of interest to further discuss a collaboration.