

ViduTech

Imaginative Solutions



*"Imagination Is More
Important Than Knowledge"*

Albert Einstein

We Have Both

Projects & Services

ViduTech develops **innovative, multi-platform, custom products**, technologically focused on image processing and implementing **multidisciplinary design** and out-of-the-box thinking.

We provide development of **algorithms for image processing, optimization, artificial intelligence and statistics**, together with complementary optical design, electronics and mechanics. Our capabilities are perfect for companies looking to outsource complex, multi-discipline product development.

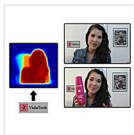
The company has developed a vast portfolio of products for the **security, medical, quality assurance, manufacturing, traffic control and marketing** industries. We are versatile and able to quickly provide solutions in nearly any field.

A sampling of our projects includes:

Content Analysis

Embedded Advertising

Dynamic positioning and transparency control of commercial information over streaming movies based upon real time movement and scene features analysis.



3D Reconstruction

3D Facial Features Extraction

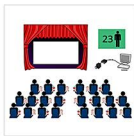
Fast and accurate extraction of facial features from a 3D face model for a commercial eyeglasses adjustments and design application.



VMD & Blob Analysis

People Meter

People counter located inside a theatre. Accurate, light invariant counting of the viewers at each moment during the film.



Machine Learning

Advanced Driver Assistance System

Real time recognition of traffic signs from images taken in unconstrained light and weather conditions.



OCR

Automatic License Plate Recognition

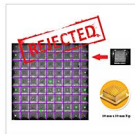
Portable, on vehicle LPR system invariant to light, speed and weather conditions. Includes classification of cars brand and color.



Optical Inspection

Quality Assurance For Medical Equipment

Detection of physical defects and dirt in small medical tips used for cosmetic skin treatment.



Real Time Stitching

Under Vehicle Imager

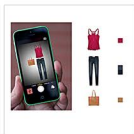
High resolution, ultra fast, heavy duty, under vehicle imager. Includes 3D features and history comparison for suspected objects detection.



Image Segmentation

Automatic Segmentation Of Clothing

Segmentation and color recognition of fashion items from images with unconstrained background for a social network application.



3D Motion Capture

Medical Navigator

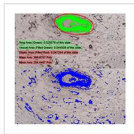
Real time, sub millimeter, 3D localization of multiple instruments used by a physician during a medical non invasive brain treatment.



Microscopy

Histopathological Analysis

Automatic detection, segmentation, enumeration, classification and accurate measurement of cells and blood vessels in histology slides.

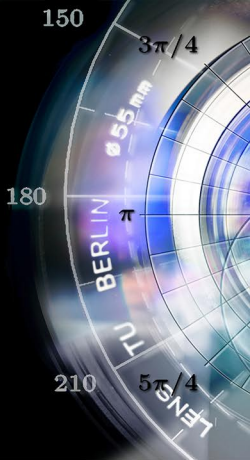


From Conception To Execution & Verification

ViduTech with its highly experienced team offers **professional, tailor-made, complete solutions** for your company's unique development needs.

From the preliminary design phase to the final product verification, we ensure that **your missing piece in the puzzle will fit.**





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