

**imagineer | 20/20 Vision**

# Imagineer

✦ a person who devises a highly imaginative concept or technology

With tens of man-years of experience in computer vision and image processing we can help you develop high value IP and cutting edge products to your market.

We have experience in a number of research areas and contacts to a broad network of industrial and academic experts. Our strong links to universities like Imperial College London, Oxford University and Surrey University ensure that the latest research is applied.

How would you like your customers talking about your products like this?

“Glassworks Director of Visual Effects Bruce Steele described it as 'the cleverest software I've seen in years'. He said: 'Mokey has taken a radically new approach, the software is revolutionary. What you get back is a colour-corrected, clean background, a colour-

corrected fill and an accurate matte, even if the camera is hand-held.'”

Article from Soho News, August 2001 about Mokey – an Imagineer product for film and video post production. More information at [www.mokey.com](http://www.mokey.com)

## Skills

Our highly skilled and experienced team of professional researchers and developers have an in depth knowledge of a broad range of concepts:

### IP Research and Development

- Image processing
- 3D computer vision
- Object tracking
- Scene reconstruction
- Camera tracking
- Medical imaging
- Robotics
- Object recognition
- Motion stabilisation
- Image stitching
- Colour models
- Colour transformations
- Autonomous vehicles
- Modelling and optimisation
- Sensor fusion

## Software Development

- Cross-platform GUI design, application and algorithm development for Windows, Mac OS X, Linux and Irix using C/C++, OpenGL and Qt

## Experience

**Management** – From numerous consultancy projects and our own R&D projects we have gained the experience necessary to manage cross functional teams, product development and processes

**Research** – Examples of projects we have been involved in include

- real-time vision systems for surveillance and vehicle control
- hologram identification and verification
- 3D scene reconstruction from images
- image stitching using corner detectors and statistical optimisation

**Development** – Our own products developed for the film and video postproduction market are shining example of what can be achieved by combining world-class research with creativity.

## Approach

As a dynamic and expanding company we are totally committed to your success.

- We give practical and honest advice
- You want innovative solutions and we deliver

We work with a wide range of clients, from start-ups to large corporations, and engage in a variety of ways, from pure consultancy and long term solution provider relationships to joint-venture partnerships.

Contact Allan Jaenicke or Basil Omar on +44 (0)1483 685 585 to discuss how we can help with your project.

**make | contact**

Imagineer Systems Ltd, The Surrey Technology Centre, 40 Occam Road, The Surrey Research Park, Guildford GU2 7YG, UK  
Tel: +44 (0)1483 685585 Fax: +44 (0)1483 685586 Email: [info@imagineersystems.com](mailto:info@imagineersystems.com)

**[www.imagineersystems.com](http://www.imagineersystems.com)**

© 2002 Imagineer Systems Ltd. All rights reserved

All trademarks mentioned herein are the property of their respective owners.