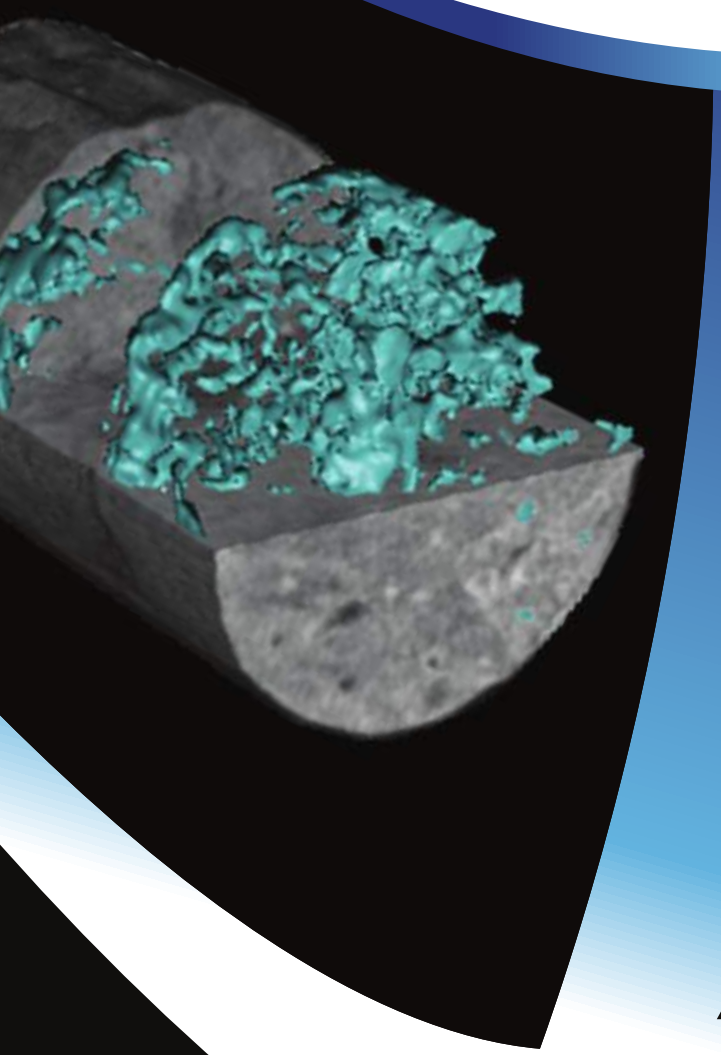
IPSDK

Smart Image Processing



python™

IPSDK offers a Comprehensive and Optimized range of Functionalities for 2D and 3D Image Processing

IPSDK is available in C++ and Python and enables you to unleash your computer's full potential through real application performance optimization.

High Performance Computing (HPC) Solutions for smart Image Processing

IPSDK offers full PC cluster support. This major development enables high performance and high availability computing with reduced memory footprint.

« Probably the best Image Processing Library on the Market! »

Our Expertise

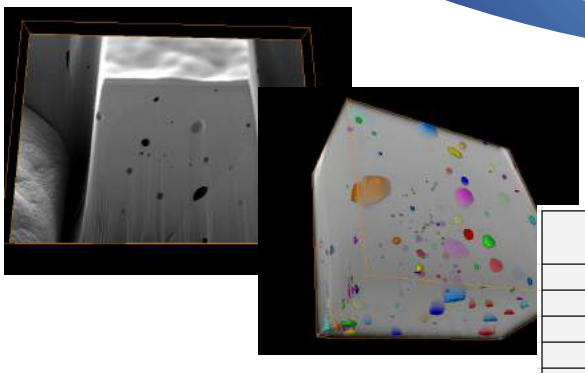
Our experts will assist you in developing your application projects for all your image analysis needs:

- Imbedding of our library in your application
- Bespoke development
- Consulting, feasibility studies
- Training
- Data cleansing
- Research project collaboration

REACTIV'IP

Your Technological Partner

Innovative Solutions in 2D and 3D Image Analysis



	Area3d (µm^2)	Volume3d (µm^3)
1	1344916.36	17438567.40
2	75453.20	323328.68
3	136441.63	350116.99
4	95972.53	294671.42

Porosity characterization *(FIB or CT images)*

Our Activity

- *Fully dedicated to the 2D and 3D Image Analysis Market*
- *Bespoke development*
- *Training and technical support*

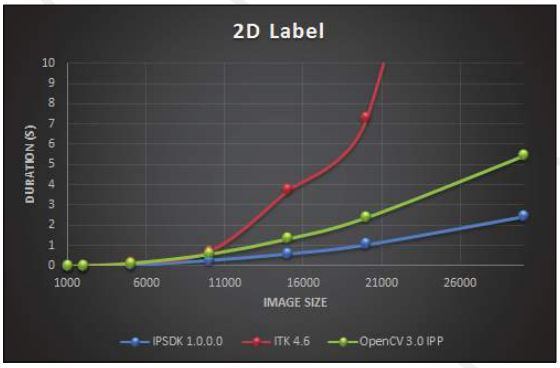
Our Core Markets

- *Non-Destructive Testing (NDT)*
- *Digital rock*
- *Oil & Gaz*
- *Industry / R&D Centers*
- *Medical / life sciences*
- *Material property analysis*

Automatic Counting of Colonies

The IPSDK Library

- *Windows and Linux compatible*
- *Available in C++ and Python*
- *High performance calculation*
  (multi-threading, distributed calculation, SIMD)
- *Big Data support*
- *Features*
  - *Denoising,*
  - *Segmentation,*
  - *Detection,*
  - *Measures,*
  - *Statistics,*
  - *Classification,*
  - *Registration,*
  - *...*



Processing time comparison for the Connected Component Analysis between ITK, open CV and IPSDK

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