



## Image Analysis Web App



# IAS



**AI function.**  
**Support for a variety**  
**of metadata**

[lifeanalytics.org](http://lifeanalytics.org)

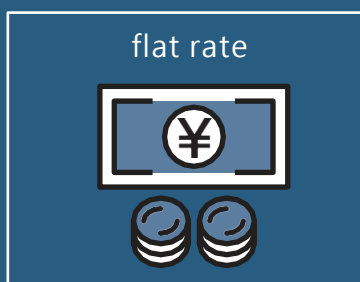
Search

[Click here to purchase or contact your sales representative](#)

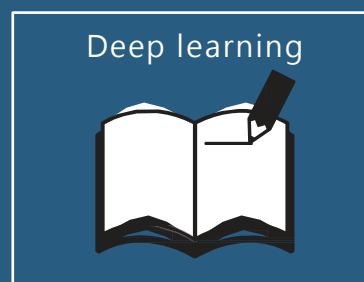
► **Easy to use**



► **subscription**



► **deep learning**



# Seven Features of the Image Analysis Web App IAS

**Web Applications:** Any OS, Remote Work Made Easy

**Support for various microscope formats and metadata:**

Information can be read and positional and dimensional information can be reproduced.

**Support for big data:**

Batch analysis of multiple specimens and 3D analysis can be performed, contributing to improved work efficiency.

**Full-screen display is available:** facilitates multi-person discussions

**Equipped with deep learning and machine learning functions:**

intuitive operation even for complex analysis

**Web chat function with support center:**

Solves problems without time lag when you have trouble with operation, etc.

**Support for subscription sales format:** Helps reduce initial investment

In addition to the above items, we have various other advantages. For more information, please visit our website or contact us.

## Practical Application Examples

The IAS can be used effectively in the following areas. If you would like to know more examples of its use, please contact us.

Please feel free to contact us.



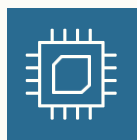
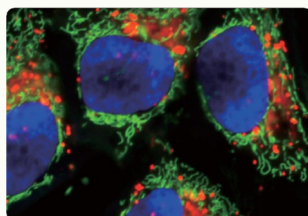
### Clinical Field

Medical, clinical and hospital beds



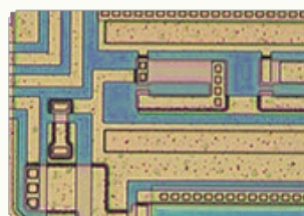
### life science

Research in Biology and Medicine



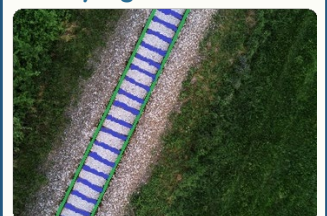
### Industries

R&D (Research and Development)



### Aerial analysis and construction

Surveying with Drones

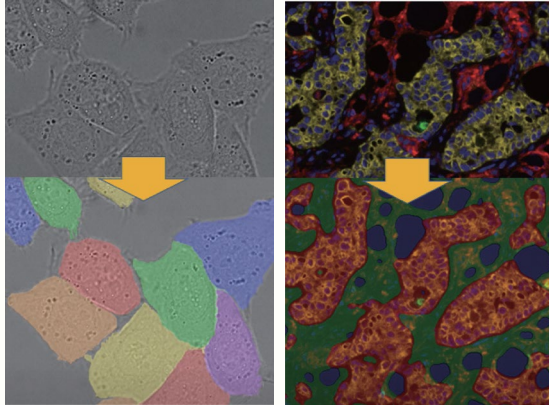


The above items are general-purpose fields. It can be effectively used in many other fields.

Cloud-based web application for remote discussion. The direct observation of the data makes it easy to make decisions.

# Image Analysis Web App IAS Major Points

## ► Point1 Automatic analysis with deep learning and machine learning

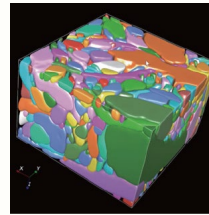


The image analysis web app IAS is equipped with deep learning and machine learning functions, and is useful for analyzing and measuring various samples in the life science, medical, and industrial fields. Samples that were difficult to recognize in the past can now be easily extracted by making full use of AI functions.

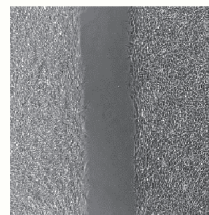
## ► Point2 Multiple format support

With support for a wide range of formats, it is possible to reproduce the conditions of particularly complex microscopic imaging. Deep learning is also supported for intuitive image analysis. A high-security server and multiple authentication allow for secure data management.

3D Image



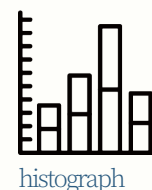
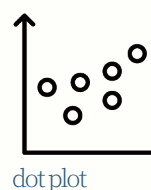
video



## ► Point3 Display of analysis results

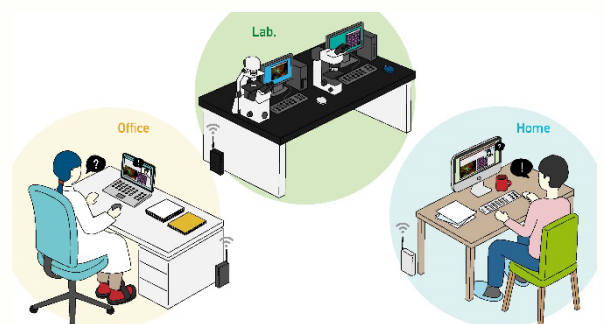


NSEdot plot, histogram, and heatmap displays are supported, allowing you to visualize the results of high-throughput analysis of multiple samples.



### 【Option】

Remote control options such as automatic microscopes and cameras are also available. With its function, it can be effectively used for equipment operation of collaborators far away and for closed facilities such as clean rooms.





List of typical functions

Software Type	web application
Supported container information	Slides, Deschutes, Well Plates, Wafers
display format	Channel, 2D, 3D, Time-lapse
Main filter functions	Stitching, shading correction, white and black balance, binarization, focus composition, homogenization, separation, emphasis, super resolution, deconvolution
Main measurement functions	Number of pieces, luminance, area, color tone, distance, class
Main statistical analysis display functions	NSE, Dot Plot, Histogram, Heat Map
Supported File Formats	aim, .arf, .psd, .tif, .tiff, .al3d, .gel, .am, .amiramesh, .grey, .grey, .hx, .labels, .img, .hdr, .sif, .png, .afi, .svs, .avi, .exp, .xm, .h5, .1sc, .pic, .raw, .scn, .ims, .img, .cr2, .crw, .jpg, .thm, .wav, .ch5, .vsi, .ets, .pnl, .htd, .log, .c01, .dib, .cxd, .dic, .dcm, .dicom, .jp2, .j2ki, .j2kr, .raw, .ima, .cr2, .crw, .wav, .dv, .r3d, .r3d_r3d, .dv.log, .r3d.log, .v, .eps, .epsi, .ps, .flex, .mea, .res, .inf, .dm2, .dm3, .dm4, .gif, .naf, .his, .ndpi, .vms, .txt, .i2i, .hed, .mod, .inr, .ipl, .ipm, .ff, .ics, .ids, .ipw, .xdce, .xlog, .frm, .hdr, .dat, .par, .jpeg, .jpe, .jp2, .j2k, .jpf, .jpk, .jpx, .klb, .xv, .bip, .sxm, .fli, .lim, .msr, .lei, .lir, .scn, .mnc, .mrc, .st, .ali, .map, .rec, .mrcs, .stk, .nd, .scan, .vff, .mrv, .stp, .mng, .nii, .hdr, .nii, .gz, .nrrd, .nhdr, .nd2, .nef, .obf, .msr, .ome.tiff, .ome.tif, .ome.tif2, .ome.tif8, .ome.tif8, .ome.btif, .companion.ome, .ome, .ome.xml, .apl, .tnb, .mtb, .oib, .oif, .pty, .lut, .oir, .dat, .sld, .spl, .liff, .top, .pcoraw, .rec, .pcx, .pict, .df3, .im3, .ano, .cfg, .csv, .htm, .rec, .tim, .zpo, .qptiff, .bin, .pbm, .pgm, .ppm, .cfg, .env, .spe, .afm, .mov, .rcpnl, .sm2, .sm3, .spc, .set, .sdt, .spi, .xqd, .xqf, .fake, .tif2, .tf8, .btif, .csv, .vws, .pst, .inf, .tfr, .ftr, .zfr, .zfp, .2fi, .tga, .pr3, .dti, .fdf, .bif, .xys, .html, .mvd2, .aisf, .aix, .atsf, .acff, .wat, .bmp, .wiz, .wpi, .czi, .lms, .lsm, .mdb, .zvi, .zip
Supported Formats	3i SlideBook, Andor Bio-imaging Division (ABD) TIFF, AIM, Aicon3D, Amershan Bioscience Gel, Amira Mesh, Amnis FlowSight, Analyze 7.5, Andor SIF Animated PNG, Aperio AFI, Aperio SVS TIFF, Applied Precision CellWorX, AVI (Audio Video Interleave), Axon Raw Format, BD Pathway, Becker & Hickl SPC FIFO, Becker & Hickl SPCImage, Big Date Viewer, Bio-Rad Gel, Bio-Rad PIC, Bio-Rad SCN, Bitplane Imaris, Bruker MRI, Burleigh, Canon DNG, CellH5, Cellomics, cellSens VSI Cellomics, cellSens VSI, CellVoyager, CV7000, DeltaVision, DICOM, ECAT7, EPS (Encapsulated PostScript), Evotec/PerkinElmer OperaFlex, EVOS, FEI FEI TIFF, FITS (Flexible Image Transport System), Gatan Digital Micrograph, Gatan Digital Micrograph2, GE MicroCT, GIF (Graphics Interchange Format) Hamamatsu Aquacosmos NAF, Hamamatsu HIS, Hamamatsu ndpi, Hamamatsu VMS, Hitachi S-4800, I2I, ICS (Image Cytometry Standard), Imacon, ImagePro Sequence, ImagePro Workspace, IMAGI, IMOD, Improvision Openlab LIFF, Improvision Openlab Raw, Improvision TIFF, Inspector OBF, InCell 1000/2000 InCell3000, INR, Inveon, Inopath MIBI, IPLab, IPLab, IVision, JEOL, JPEG, JPEG 2000, JPK, JPK, Keller Lab BlockKhoros VIFF (Visualization Image File Format) Bitmap, Kodos Format) BitmapKodak BIP Lambert Instruments FILM LaVision Inspector Leica LCS LEI Leica LAS AF LIF (Leica Image File Format), Leica SCN, LEO, Li- Cor L2D, LIM (Laboratory Imaging/Nikon), MetaMorph 7.5 TIFF, MetaMorph Stack (STK), MetaXpress, MIAS (Maia Scientific), Micro-Manager, Mikroscan TIFF, MINIC MRI, Minolta MRW, MNG (Multiple-image Network Graphics), Molecular Imaging, MRC (Medical Research Council), NEF (Nikon Electronic Format), NIFTI, Nikon Elements TIFF, Nikon EZ-C1 TIFF, Nikon NIS-Elements ND2, NRRD (Nearly Raw Raster Date), Olympus CellR/APL, Olympus FluoView FV1000 Olympus FluoView TIFF, Olympus OIR, Olympus ScanR, Olympus SIS TIFF, OME- TIFF, OME- XML, OMERO Pyramid, Oxford Instruments, PCORAW, PCX (PC Paintbrush), Perkin Elmer Densitometer, Perkin Elmer Columbus, Perkin Elmer Nuance, Perkin Elmer Operetta, Perkin Elmer UltraVIEW, Perkin Elmer Vectra QPTIFF, Portable Any Map, Adobe Photoshop PSD Portable Any Map, Adobe Photoshop PSD, Photoshop TIFF, PicoQuant Bin, PICT (Macintosh Picture), PNG (Portable Network Graphics), Prairie Technologies TIFF, Princeton Instruments SPE, Quesant, Quick Time Movie, RHK, SBIG, Seiko, SimplePCI & HCLImage, SimplePCI & HCLImage TIFF, SM Camera, SPIDER, Targa, Text, TIFF (Tagged Image File Format), TillPhotonics TillVision, Topometrix, Trestle, UBM, Unisoku, Varian FDF, Veeco AFM Ventana BIF, VG SAM, VisiTech XYS, Volocity, Volocity Library Clipping, WA-TOP, Windows Bitmap, Woolz, Zeiss Axio CSM, Zeiss AxioVision TIFF, Zeiss AxioVision ZVI (Zeiss Vision Image), Zeiss CZI, Zeiss LSM (Laser Scanning Microscope) 510/710
learning function	Deep learning, machine learning

Product name and price

Product Name	Product Number	Unit	Price
Image Analysis Web Application IAS Single Month Contract 500GB	IAS001M1EN	1 license	US\$360
Image Analysis Web Application IAS 3-month contract 500GB	IAS001M3EN	1 license	US\$1,000
Image Analysis Web Application IAS annual subscription 500GB	IAS001Y1EN	1 license	US\$3,600
Image Analysis Web Application IAS annual subscription 2TB	IAS001Y2EN	1 license	US\$14,400
Image Analysis Web Application IAS Workstation	IAS001WSEN	separate meeting	separate meeting

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