



DigiVision.ai i-Magica

Experience the Power of AI Driven Digital Vision

A Product by X-Biz Techventures Pvt. Ltd.

Digi-Splitter

Split Files basis predefined rules



Digi-Compressor

Compresses images, videos and other files without compromising the quality



Digi-Converter

Convert file types to achieve standardization

Digi-Enhancer

Enhances the documents automatically for clarity and orientation of images



Digi-Concatenator

Merge Files basis predefined rules

DigiVision.ai
i-Magica

New age digitalisation struggles: Consistency of and sets for documents sourced via mobile phones and other non-standard sources, file formats, file sizes

Advancements in mobile phone camera mega pixels increase file size exponentially . Each click putting additional load on Mobile app performance, data transfer load, RAM consumption for backend applications and high storage costs.

In addition, companies have many customer documents in an **uncompressed format stored document repositories** and which became difficult to store, process, extract and access.

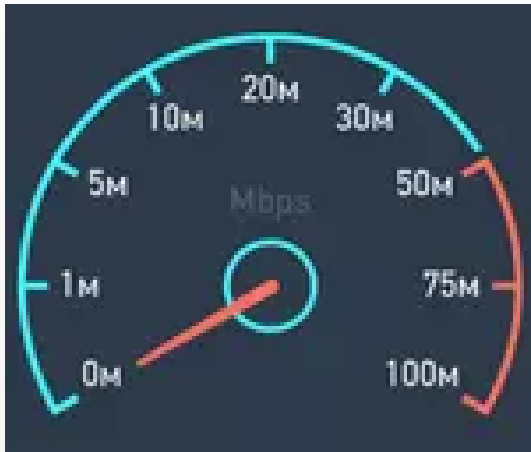
Non standard sets: **Single Doc-Single File, Single Doc Multiple-Files** within the landscape: e.g Customer Passport may be a single tif/pdf file multi page, or multiple separate images clicked per page, impacts indexing, retrieval and access.

Multi records in single files. Partners sending customer documents with multiple customer records in a single large tif image/pdf file **require manually snipping/splitting** to store records at customer level cabinets.

Images may not always come to the company in best quality or orientation. E.g. **shadows** in clicks, **tilted** images, upside down images etc which post OCR challenges.

Solution:

- Use Digi-Compressor to compress images, videos, documents, pdf files in real-time.
 - Using batch mode, companies can also compress all historic documents.
 - Digi-Compressor sets best parameters on scanned compressed files so that OCR can be performed (if required) on such files in future
- Use Digi iMagica Splitter utility for splitting files based on pre set rules/patterns
- Use Digi iMagica Concatenator to stitch together images into a single tif/pdf file for easy storage of files removing redundancies and mess
- Use Digi iMagica Converter to convert different file formats to standardised formats as desired
- In addition Digi iMagica also enhances the documents automatically for clarity and orientation of images



- 2000** **The start of THE PHONE CAMERA**
 Specification: Model: SCH - V200
 Image Sensor: 0.35MP
 First phone with a built-in camera. It could take upto 20 photos at a time
- 2002** **The invention that CHANGED EVERYTHING**
 Specification: Model: SCH - X590
 Image Sensor: 0.11MP
 CCD Sensor
 First flip phone with a rotating camera. The selfie camera
- 2003** **The advent of THE MOVING PICTURES**
 Specification: Model: SCH - V420
 Image Sensor: 0.3MP
 CCD Sensor
 Photos and videos could be taken from different angles
- 2005** **MOBILE PHOTOGRAPHY re-invented**
 Specification: Model: SCH - V770
 Image Sensor: 7MP
 CCD Sensor
 First 7MP mobile camera. With wide-angle and tele-conversion lenses
- 2010** **The arrival of the 'SMARTPHONE'**
 Specification: Model: Galaxy S
 Image sensor: 5MP
 CMOS Sensor
 No more buttons, just a touchscreen and a front camera of 0.3MP
- 2012** **The SEQUENCE MASTER**
 Specification: Model: Galaxy S3
 Image sensor: 8MP BSI
 CMOS Sensor
 Burst Shot Mode introduced. Also led to increased interest in video
- 2013** **The DIGITAL CAMERA**
 Specification: Model: Galaxy S4 Zoom
 Image sensor: 16MP
 CMOS Sensor
 Mobile photography at its peak. The ultimate camera phone - 16MP lens with 1.5GB RAM and 64GB storage
- 2014** **The world of HIGH DEFINITION**
 Specification: Model: Galaxy S5
 Image Sensor: 16MP
 ISOCELL Sensor
 Full HD screen. Samsung changed video capturing and screening experience
- 2016** **The PROFESSIONAL CAMERA**
 Specification: Model: Galaxy S7
 Image Sensor: 12MP
 Dual Pixel Sensor
 World shifting to video. Wider aperture, camera could take videos in low light
- 2017** **TWO IS BETTER than one**
 Specification: Model: Galaxy Note8
 Image Sensor: 12MP
 Dual Pixel Sensor
 Video capturing at its peak, Samsung's first ever phone with Dual 12MP cameras
- 2019** **The ULTIMATE VIDEO CAMERA**
 Specification: Model: Galaxy S10+
 12MP (wide) + 12MP (telephoto) + 16MP (Ultra-wide) at rear camera
 Superior camera. Five lenses. Dual aperture & multi-frame composition. Camera reimagined

“image Magica – Compress” improve app performance (saves bandwidth & storage)

Just provide it your image / pdf / MS office / Audio-Video files and the system auto sets the best parameters to reduce its size maintaining the essence and utility of the file. Its not just a compression tool, it prepares objects that are optimised for business in terms of Size, Quality and Compatibility



- Real-time Document & Video Compression (available as an API Service & Mobility Kit for third party Mobile Apps as well)
- File compression up to 1/20th or 90% at source with no loss in image/file quality.
- Formats supported include images, pdf, Audio-Video files, DICOM (Digital imaging and communications in Medicine) files (We do not recommend MS Office file compressions)
- No change to native file formats (JPEG, BMP, PNG, TIFF, PDF, AVI, WAV, MPEG, MP3, MP4, MP4, FLV etc.)
- Compress leads to last mile connectivity load reduction, making apps work in lower bandwidth requirements (2G/3G) and further saves up to 90+% on storage costs
- Bulk processing through batch process.



- Video records for
 - Video KYC as per RBI & IRDAI guidelines, where customer's and agent's video interaction is recorded to onboard customers remotely.
 - General Insurance companies record videos of insurable objects as a evidence for pre-inspection, underwriting and claim processes.
 - ATM machines are recording videos of customers using AI-ML engines to identify if the person is wearing mask, sun-glasses, cap, helmet etc.
- Videos are expensive to store and retrieve even if stored on Cloud.
 - Companies are facing storage problem as video recorded from apps, drones, CCTV cameras, web-cams or mobile cameras has huge file size and very high data network bandwidth required to transfer such videos.

Action:

- Digi-Compressor can compress video without compromising the audio video quality.
- Using batch mode, companies can also compress all historic videos and can be converted to standard consistent format.
- Supported Input container format – 3GP, AVI, DVD Video, FLV, Matroska, MP4, MPEG-PS, OGG, QuickTime, SVCD, TS, TOD, VCD, WMV
- Supported Output container format – 3GP, AVI, Blue-ray video, DVD Video, FLV, Matroska, MP4, MPEG-PS, Ogg, QuickTime, Super Video CD, TS, Video CD, WebM, WMV

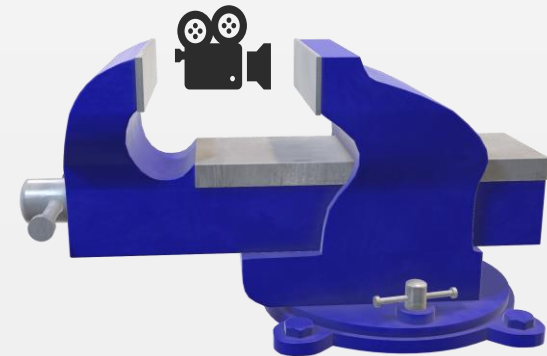
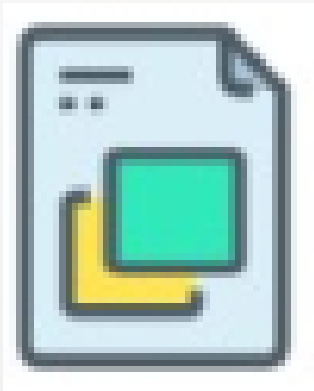


image-Magica playing magic with images; Type Conversion and Quality Enhancements

Type conversion utility and API converts file formats into desired formats for downstream usage (specially useful to get standardisation despite diversity of user mobile devices)

Challenge:

- Disparate file formats in the application landscape may not be optimum for business usage and storage. Impacting both availability or speed of images in consuming systems. Standardization challenges:
 - Different mobile devices, scanners and software capture images in different formats
 - Multiple sources of click and uploads cause non standard file types to land in the company's systems
 - These may not be compatible with downstream applications or efficient for storage and retrieval



Solution - Digi Converter utility: a file type conversion utility –

- Convert from one format to another without losing quality
- Converter utility works as a service as well as batch processing mode

Stitch together images into single tif/pdf file for easy storage of files removing redundancies and mess



Digi Concatenator Utility:

- Rule based processing to merge multiple image files into one
- Can identify patterns and merge files into multi page documents for easy storage and retrieval
- Sample use case: branches may scan or user may upload clicks of a multi page document as individual files. While downstream systems may expect in single file e.g. Passport copy sent as 2/3 individual clicks can merge into a single tif/pdf file
- Image Quality Enhancements
 - Set & enhance properties of files.

File splitting with intelligent algorithms for pattern recognition



- Rule based file splitting into multiple documents:
 - Split by customer record/identifier
 - Split by pages (specific number based)
 - Split by delimiter
 - Split by pattern



- Typical use case includes operations where bulk images for processing cases are received as a single multi page pdf/tif file
 - Vendor sent multiple invoices in single file
 - Partner sent multiple customer bill scans in a single file
- Bulk processing through batch process.
- Examples: Vendor invoices (Marine Insurance Claims), Bank Files, Customer Data Records, Report dumps received etc.

Benefits : Cost effective, Efficient, Quality Compression, OCR readable after compression, also works without internet connectivity.

Lower Bandwidth

Works well even with 2G/3G network

Fast & accurate

Real-time and Bulk Processing

AI-ML Solution

Set the best parameters to reduce file size without compromising the quality.

Multi-platform support

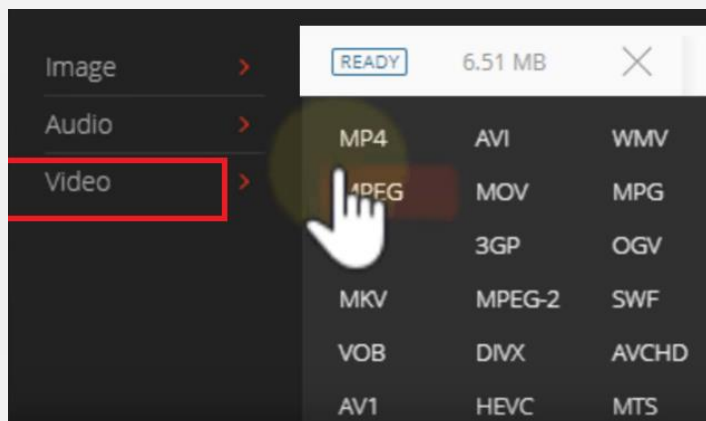
Also works offline – without internet connectivity













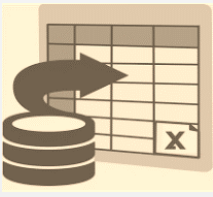







User Friendly

Compatible and can be integrated in 3rd party Apps

Low storage cost

Save up to 90%+ on storage cost



 <p>Digi Redaction</p>	 <p>Digi Doc Detect AI</p>	 <p>Digi Pre-Pop AI</p>	 <p>Digi Bar/QR Reader</p>	 <p>Digi Match AI</p>
 <p>Digi Video KYC</p>	 <p>Digi e-KYC</p>	 <p>Digi Face AI</p>	 <p>Digi Signature AI</p>	 <p>Digi Object Detect AI</p>
 <p>Digi Context AI</p>	 <p>Digi Doc Translator</p>	 <p>Digi insights AI</p>	 <p>Digi Classifier & Indexing AI</p>	 <p>Digi Thermal AI</p>
 <p>Digi Zoning Forms</p>	 <p>Digi i-Magica Compressor</p>	 <p>Digi i-Magica Converter</p>	 <p>Digi i-Magica Concatenator</p>	 <p>Digi i-Magica Splitter AI</p>



An innovative Technology Ventures company having in-depth expertise on wide variety of emerging Tech such as Computer Vision, AI/ML, Mobility and API play

- Digi-Vision.AI is leading end to end document management and vision capabilities for business use
- Expertise in Android, iOS, Web app development
- Solutions work on On-Line as well as Off-Line mode
- Digi-Vision.AI enhances productivity, through improvement in process efficiency & accuracy



Secure Nexus – the IT Risk Management Product & Services vertical

- a wide range of services & a unique product – a CIO's toolbox
- helped Clients improve their Security profile;
- Secure-Nexus team member has imparted Security training at Black-Hat Global Meet for many years to an ever-growing audience; with over 300+ delegates at one session
- Secure-Nexus team in their previous avatar has won credits and accolades from *LinkedIn, Yahoo, Nokia, PayPal, OpenStack, Apache, Oracle and Microsoft* for identifying and reporting security vulnerabilities in their products.



Strengths

- Innovation and product improvisation is a way of life at x-biz
- One of the highest % share for R&D investments vis-à-vis revenue and investments
- Pre Build components library assists on speed and consistency of delivery
- True partners to our Clients - as an extension of Clients team – have provided support even outside contractual engagements
- Highly experienced team with diverse expertise across sectors – Insurance, Banking, FMCG, Beverages, Financial Services, Paper, Travel, Private Security etc.
- Early-stage recognition – Awards & Achievements

“ISO 9001:2015 and ISO/IEC 27001:2013 Certified”



BQC CERTIFICATIONS

CERTIFICATE

This is to certify that the
Quality Management System

X-BIZ TECHVENTURES PRIVATE LIMITED
REGISTERED OFFICE: 2ND FLOOR, GOOL MANSION, 6 HOMJI STREET HORNIMAN CIRCLE,
FORT, MUMBAI-400001, MH, INDIA
OPERATIONAL LOCATION: 118, UHIMMA, RAHEJA COMPLEX, NEAR INFINITY MALL, BEHIND
GOREGAON SPORTS COMPLEX, OFF LINK ROAD, MALAD (WEST), MUMBAI 400-064

has been found to comply with
ISO 9001:2015

This certificate is applicable to the following scope:
CREATE, DEVELOP, MAINTAIN, OPERATE AND MARKET CLOUD-BASED PLATFORMS, DIGITAL TRANSFORMATION PRODUCTS, MOBILE APPLICATIONS, ONLINE / OFF-LINE PRODUCTS AND ASSOCIATED SERVICES AND PROVIDE SERVICES FOR SECURING INFORMATION ASSETS, RISK MANAGEMENT & AUDIT AND CONSULTANCY SERVICES IN THE FIELD OF INFORMATION TECHNOLOGY, MOBILE TECHNOLOGY AND SYSTEMS ENGINEERING.

Certificate No ::I-QSC202006065

Date of Initial Registration	20 June 2020
Certificate Expiry	19 June 2023
Recertification Due	19 June 2023

Authorized Signatory 
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IAS ACCREDITED MSCB - 124
IAF MEMBER OF MULTILATERAL ACCREDITATION ARRANGEMENT
BQC CERTIFICATIONS

BQC Certification is accredited by International Accreditation Services (IAS), United States of America wide MSCB Number 124. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org. The validity of this certificate can be verified at www.bqcert.com or through info@bqcert.com. This certificate is the property of BQC Certifications and must be returned on request.

MANAGEMENT SYSTEM CERTIFICATE



BQC CERTIFICATIONS

CERTIFICATE

This is to Certify that the
Information Security Management System

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This is as per Statement of Applicability Version 1.0

Certificate No ::I-ISC202006009

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