



SUPERIOR IMAGE COMPRESSION

FAST IMAGE DOWNLOADING FOR ALL WEBSITES / APPS

ICOM provides faster downloading of images by converting the images stored on server into ICOM compressed image format.

Then the compressed ICOM images can be transferred over 2G / 3G / Wifi saving bandwidth which reduces the downloading time by 70% compared to JPEG.

The ICOM compressed image is decoded using JavaScript for browsers and SDK for Android / IOS App.

FAST IMAGE UPLOADING

ICOM provides faster image uploading by user from Mobile App / Website. Image taken by the user on phone is compressed using ICOM SDK which converts the image into ICOM format having 70% reduced size in comparison to JPEG. This ICOM image is then uploaded to server which leads to improved user experience by saving significant time in image uploading. Benefits of using compression for image uploading includes:

- Image upload is 2 times faster from app by using compressed image
- Reduction in data usage of the user by 70% compared to JPEG image uploading

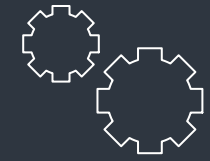


IMAGE ENCODING: COMPRESSION

ICOM converts the images of various formats like JPEG, BMP, PNG etc. into compressed ICOM format on server as well as on user's app for faster downloading and uploading of images.

BREAKTHROUGH FOR MEDICAL IMAGING SECTOR

MEDICAL IMAGING GENERATES HUGE AMOUNT OF DATA USING DIFFERENT IMAGING MODALITIES LIKE CT SCANS, MRI IMAGES, X RAYS ETC. ICOM CAN PROVIDE REDUCTION IN HIGHER STORAGE COSTS WITHOUT DEGRADATION OF IMAGE QUALITY.

- EFFICIENT DATA STORAGE ON SERVERS
- FASTER IMAGE RECORD RETRIEVAL
- EFFICIENT IMPLEMENTATION OF E-HEALTH CENTERS
- IMPROVED TELEMEDICINE / TELECONSULTATION
- FASTER MEDICAL DATA EXCHANGE
- LONGER MEDICAL HISTORY OF PATIENT PRESERVED

FASTER DATA Transmission

SOLUTION TO GOVERNMENT SECTORS

E-GOVERNANCE AIMS AT DELIVERING GOVERNMENT SERVICES TO CITIZENS ELECTRONICALLY IN A CONVENIENT, EFFICIENT AND TRANSPARENT MANNER. WITH THE AIM OF SAVING TIME, REDUCING OPERATIONAL COST AND VALUABLE RESOURCES, OUR ICOM COMPRESSION CAN BENEFIT VARIOUS SECTORS OF GOVERNMENT

- FACILITATING DIGITAL LEARNING
- NO COMPROMISE WITH QUALITY OF IMAGES ON GOVT WEBSITES, MINISTRIES
- FASTER IMAGE FILE SHARING WITHIN ANY ORGANIZATION WHICH MAY IMPROVE THE WORKFLOW OR PRODUCTIVITY OF ANY DEPARTMENT
- LOW DATA BANDWIDTH CONSUMPTION
- FASTER LOADING OF VARIOUS GOVERNMENT APPS
- IMPROVE THE USER'S EXPERIENCE ON THESE APPS
- CONDENSED CIVIL, MECHANICAL, ELECTRICAL DRAWINGS IN NTPC, POWER GRID, NHPC, AIL, SAIL
- SOLUTIONS FOR DRDO, RDSO, ISRO
- IMPROVE DATA, SIGNATURE IMAGE TRANSMISSION AND STORAGE FOR PSU BANKS
- IMAGE COMPRESSION FOR ASI
- FORENSIC LABS, RATION CARDS, PASSPORTS, AADHAR, VOTER, PAN CARDS AND ENDLESS

ICOM HAS BOUGHT REVOLUTION IN THE DIGITAL WORLD

DATA TOOL FOR ECOMMERCE SECTOR

ECOMMERCE HAS CHANGED THE TREND OF SHOPPING BY PROVIDING THE OPPORTUNITY TO SHOP DIRECTLY FROM COMPANY'S WEBSITE OR APP BUT THE SLOWER PAGE LOADING LEADS TO BAD USER EXPERIENCE. ICOM PROVIDES SOLUTION TO ECOMMERCE SECTOR BY



- BOOSTING IMAGE DOWNLOADING SPEED ON BROWSER/ APPS
- FASTER UPLOADING OF IMAGES ON CLOUD SERVERS
- REDUCTION IN CDN EXPENDITURE
- EASIER DATA MANAGEMENT

SATELLITE IMAGERY DATA SERVICES

SIZE OF SATELLITE IMAGES SCALES FROM GIGABYTES TO TERABYTES DUE TO ITS EXTREMELY HIGH RESOLUTION, THUS FREQUENT TRANSMISSION OF THESE IMAGES IN DIFFERENT CORNERS OF COUNTRY IS INEVITABLE. THIS UPLIFTS THE HIGH DEMAND TO COMPRESS SUCH IMAGES FOR BETTER STORAGE AND FASTER SATELLITE COMMUNICATION. ICOM PROVIDES

- FASTER TRANSMISSION AND INCREASED IMAGE CAPTURING FRAME RATE ON SATELLITE
- REDUCED LOAD ON DATA STORAGE SERVERS.
- FASTER IMAGE PROCESSING AND RETRIEVAL.



IMAGE DECODING: DECOMPRESSION

Lightning fast real time decoder decoded ICOM images into Bitmaps



ICOM FEATURES

- Reduces Image size by 70%
- No visual quality loss
- Faster Data Exchange
- Provides better user experience
- Helps reducing cost of storage servers / 2G / 3G data

