MEGA CALIBRE ENTERPRISES PVT. LTD.

**Redefining Industry with Innovative Technology**

## A BRIEF DESCRIPTION OF OUR COMPANY

##### ABOUT MEGA:

Established in 1993, Mega Calibre commenced its journey as a document printing and dispatch company. Evolving steadily over the years, Mega has transformed into a comprehensive ITeS entity, serving diverse clientele across multiple sectors.

Through innovative integration of IT solutions, Mega has demonstrated adeptness in streamlining and enhancing operational efficiency across various verticals. With a track record spanning over three decades, Mega stands as a complete 360-degree ITeS service provider, encompassing all domains we operate in.

Being ISO 9001:2015 certified, ISO 27001:2022 certified for Information Security Management, and CMMI Level 3 compliant, we uphold the highest standards of quality and security. Backed by a workforce exceeding 3800 individuals, meticulously trained and highly skilled, Mega has consistently experienced progressive growth since its inception.

##### OUR BUSINESS VERTICALS:

 EDU TECH AND UNIVERSITY RELATED SERVICES

 POWER UTILITY REVENUE & MANPOWER MANAGEMENT SERVICES  End-to-End MANPOWER RECRUITMENT PROCESS

 IT ENABLED SERVICES

 VARIABLE DATA PRINTING AND E-COMMUNICATION  BACK OFFICE SERVICES

 SOLAR ENERGY RELATED SERVICES

 SPOT BILLING AND COLLECTION SERVICES

## OUR JOURNEY SO FAR 31 YEARS AND COUNTING ......

 1993: MEGA STARTED AS A BULK MAILING HOUSE

 1997: PAYMENT PROCESSING SERVICES STARTED

 2002: VARIABLE & TRANSACTIONAL DATA PRINTING SERVICES STARTED

 2005: STARTED INVOICE MANAGEMENT & DIGITIZATION SERVICES

 2007: FIRST INLAND FABRICATION MACHINE INSTALLED

 2008: STARTED MAILROOM MANAGEMENT SERVICES

 2011: STARTED DMS & FACILITY MANAGEMENT SERVICES

 2015: EXAM & ONLINE REGISTRATION SERVICES

 2017: DIVERSIFICATION INTO FULL-FLEDGED IT ENABLED SERVICES

 2020: LAUNCH OF ONLINE CHALLENGE MANAGEMENT FOR EXAMINATIONS

 2021: SUCCESSFUL VENTURE TO EPC CONTRACTS FOR SOLAR ENERGY

 2022:SUCCESSFUL IMPLEMENTATION OF TEACHER ELIGIBILITY TEST AND PRIMARY TEACHERS’ RECRUITMENT IN WEST BENGAL

 2023: PARTNERSHIP WITH MASHMARI FOR EDUTECH SERVICES

## A BREIF OVERVIEW OF OUR VERTICALS

##### POWER UTILITY REVENUE & PROJECT MANAGEMENT:

 ANDROID BASED SPOT BILLING SERVICES

 E-WALLET BASED FIELD CASH COLLECTION SYSTEM  NETWORK MONITORING AND MAINTAINANCE

 IT BASED PROJECT & PROCESS  SUPERVISION

##### END-TO-END MANPOWER RECRUITMENT PROCESS:

 ONLINE REGISTRATION  VENUE ALLOCATION

 QUESTION PAPER PREPARATION  EXAM CONDUCTION

 PUBLISHING OF FINAL RESULT

##### IT AND IT ENABLED SERVICES:

 DOCUMENT & WORKFLOW MANAGEMENT SERVICES  FIELD BASED PROJECT MANAGEMENT SERVICES

 SMART METER DATA MANAGEMENT SERVICES  CALL CENTRE MANAGEMENT SERVICES

##### VARIABLE DATA PRINTING & E-COMMUNICATION SERVICES:

 BANK STATEMENTS

 EXAMINATION RELATED DOCUMENTS  OMR SHEETS SUPPLY & SCANNING

 ENERGY BILLS  FOR UTILITIES

 ELECTRONIC COMMUNICATION  EMAIL

 SMS

 WHATSAPP

##### BACK OFFICE SERVICES:

 COMPREHENSIVE DOCUMENT VERIFICATION  ADVANCED TECHNOLOGY INTEGRATION

 EXPERT TEAM OF PROFESSIONALS

 FRAUD DETECTION AND PREVENTION  CUSTOMIZED SOLUTIONS

 HIGH ACCURACY AND EFFICIENCY  SECURE DATA HANDLING

 SCALABLE SERVICES

 PROVEN TRACK RECORD  GLOBAL REACH

##### RENEWABLE ENEGY SERVICES:

 ROOFTOP & GROUND MOUNTED SOLAR POWER GENERATION PLANTS  ON & OFF GRID SOLUTIONS

 RESCO MODELS  SOLAR WATER

 PUMPING SYSTEMS

 SOLAR STREET LIGHTS & HIGH MAST LIGHTS

##### UNIVERSITY STUDENT & EXAM MANAGEMENT SERVICES :

 UniTrack

 END TO END STUDENT EXAM MANAGEMENT  REGISTRATION PORTALS

 RECRUITMENT

 EXAMINATIONS & RESULT PROCESSING

 ONLINE CHALLENGE MANAGEMENT FOR EXAMS

* EduTech SERVICES:

 ICT BASED SMART CLASSES WITH ONLINE CONTENT PLATFORM

 REMOTE & RURAL EDUCATION SUPPORTED BY ICT INFRA & ONLINE PLATFORM

 MOBILE CLASSROOMS & TRAINING VEHICLES COMPLETE ICT INFRA ON WHEELS

### Comprehensive Back Office Services

We are a leading provider of comprehensive back-office services specialising in document verification for the insurance and financial sectors. We leverage advanced technology, detailed system implementation and a team of experienced professionals to ensure the authenticity and compliance of documents submitted for insurance claims and loan applications. With a strong focus on accuracy, efficiency, and data security, we deliver tailored verification solutions that prevent fraud and adhere to regulatory standards. Partner with us for reliable and efficient document verification, enhancing your operational integrity and customer satisfaction.

Highlights :

* Comprehensive Document Verification Services: Detailed verification of submitted documents for insurance claims and loan applications, ensuring authenticity and compliance with industry standards.
* Advanced Technology Integration: Utilisation of cutting-edge technology, including AI and machine learning, to streamline and enhance the accuracy of document verification processes.
* Expert Team of Professionals: A skilled team of verification experts with extensive experience in handling a wide range of documents, including IDs, financial statements, property records, and more.
* Fraud Detection and Prevention: Robust mechanisms in place to identify and prevent fraudulent activities, safeguarding the interests of both clients and end- users.
* Customised Solutions: Tailored verification solutions to meet the specific needs and requirements of insurance companies, banks, and financial institutions.
* High Accuracy and Efficiency : Commitment to delivering high accuracy in verification results within the stipulated turnaround time, ensuring operational efficiency for clients.
* Compliance and Regulatory Adherence: Strict adherence to regulatory guidelines and compliance standards relevant to document verification in the insurance and financial sectors.
* Secure Data Handling: Implementation of stringent data security measures to protect sensitive consumer information throughout the verification process.
* Scalable Services: Ability to scale services according to client demand, ensuring flexibility and responsiveness to changing verification needs.
* Customer Support: Dedicated customer support team available to address any queries or issues promptly, ensuring seamless client communication and satisfaction.
* Proven Track Record: A history of successful partnerships and positive client testimonials, highlighting the company's reliability and effectiveness in document verification.
* Global Reach: Capability to handle verification processes for clients operating in different geographic regions, accommodating diverse regulatory environments and document types.

## VARIABLE DATA PRINTING AND COMMUNICATION SERVICES

* Variable Data Printing Services :

 Bank Statement & Credit Card Statement Printing  Energy Bill Printing for Utilities

 Promotional Statement Printing

 Mutual Fund Notification Statements  Personalized Marketing mailers

 Personalised Calendars/ Diaries

 Inland letters-statements, ECS, Receipts etc.  Certificates with security features

 Coupons/ Vouchers with security features

 Examination Mark sheet (with security features)  Registration Certificates

 OMR based answer sheet/ Tabulation registers  OMR & ICR forms

 Question paper with unique security features

 Variable sticker and Label Printing for Indoor & Outdoor applications  Election Related Printing

 Variable Label printing

* E - Communication Services :

 All modes of communication integrated with print services  SMS

 Email

 Whatsapp

 Automated portal based communication firing and Status tracking

 Integration of communication with portals and field based tracking apps

## UNIVERSITY STUDENT LIFECYCLE & EXAM MANAGEMENT SERVICES

Our Services to the education sector is catered by our Signature product UniTrack used by various colleges, universities. Some details below:

 Online Candidate Registration and generation of Unique registration number.

 Candidates can login to the online portal and enrol him/herself for the examination.

 Online form fill up and examination fees payment through the portal

 Online Admit card generation on specific pre-defined dates and download facility provided to the candidate through the online portal.

 Internal marks subject wise may be provided by the faculty online through faculty login provided.

 Question paper is uploaded online and the candidate can download the same through his login on specific examination date and time.

 Exam may be conducted online/offline and the answer script shall be scanned and uploaded in the online portal and a pre-defined format as per the guidelines issued by the examination authority

 The answer script is evaluated either online through our system or offline mode and the marks foil is generated.

 Online result is generated and published through the web portal

 Mark sheet and Certificate is printed through Secured online mode.

### End-to-End Recruitment Support Services

We have been a premier agency to support recruitment activities for Government and Public Sector recruiters for the last 15 years. Our esteemed clients include Public Service commissions of various states and Educational nodal agencies like Schools and College Services commissions.

Besides regular services like Online registrations, Document verification, pre- exam work, Examination conduction and Post exam work, we also offer

interview support services

We have two highlight products:

**OCMS – Our online challenge management services : that provides transparency in the exam process along with saving the recruiting authorities the headache of RTI and court cases after an exam process**

**ID check – This brand new product uses AI and prevents impersonation / proxy examination and can be used throughout the recruitment process right till final stages of candidates joining their jobs after the recruitment process is completed.**

##### PART – A : PRE EXAMINATION PROCESS

 Understanding the specific requirement and scope of work from client.

 Design & Development of Online Application Portal in consultation with the client.

 Creating e-payment gateway integration.  Receiving applications online.

 API based Aadhaar Verification and Facial image capture are additional features during registration

 Providing Help desk support, if needed.

 Scrutiny of applications and preparation of list of eligible & non eligible candidates.

 Generation and upload of Admit Cards online after the approval from client.  Sending SMS to the eligible candidates.

 Setting of Question Papers (MCQ).

 Printing and Packaging of Question Papers in multiple series (A B C D).  Design, Printing and Packaging of OMR Answer Sheets.

 OMR Sheet may be of single page / double / triple carbon less pages.  Preparation of Photo Attendance Sheet.

 Arranging Test Centres / Venues for Written Test in multiple cities.

 Allotment of Roll Nos. and preparation of other relevant documents like Invigilator’s instruction, Supervisor’s manual etc.

##### PART – B : EXAMINATION PROCESS

 Delivery of confidential Examination Materials (Question Paper, OMR Answer Sheet, Attendance Sheet etc.) at client’s place / various test venues with proper security well ahead of time.

 Anti Impersonation steps through ID check, our new and unique AI based product.

 Arrangement of manpower and logistics on the test day.

 Conducting Written Test in a fair, transparent and confidential manner.  Collection of examination materials after the test.

##### PART – C : POST EXAMINATION PROCESS

 Scanning and Evaluation of used OMR Answer Sheets at our office / client’s location.

 Upload of OMR sheets and Answer Keys in the web site for a period of one week.

 Preparation of result / merit list.

 Submission of Merit List in a sealed cover to the appropriate authority.  Receiving assignment / project completion certificate from client.

 Interview support services, if applicable.

## OCMS: A BASIC OVERVIEW

Online Challenge Management System (OCMS) is our proprietary portal designed to facilitate candidates in challenging the Answer Key and OMR Responses captured by the system during online or OMR-based examinations.

##### OCMS ADVANTAGES TO THE EXAMINATION AUTHORITY:

 Helps in holding a fair examination process by providing full clarity of the question paper/ uploaded answer key and response captured by the candidate which shall be hosted in the server.

 As the student is able to view the answer key and challenge the same during evaluation process and view his OMR recorded responses in OCMS, this avoids exposure of the examination authority to unnecessary legal proceedings.

 Helps in creation of a paperless documentation for any discrepancy In the examination process.

 Easy to use interface with customisable interface as per client requirements.

##### ANSWER KEY CHALLENGES:

 CONDUCT EXAMINATION  UPLOAD ANSWER KEY

 CHALLENGE ANSWER KEY  EVALUATE CHALLENGES

 PUBLISH REVISED ANSWER KEY

##### OMR RESPONSE CAPTURED CHALLENGE:

 UPLOAD OMR RESPONSES CAPTURED DURING OMR SCANNING  CHALLENGE OMR RECORDED RESPONSE

 EVALUATE CHALLENGES

 PUBLISH REVISED MARKS/ RESPONSE

## IT ENABLED SERVICES

During our diversified into IT Enabled Services, We become a leader in optimising client processes through innovative IT solutions. Our focus on leveraging technology to streamline operations and ensure effective monitoring has resulted in significant improvements for our clients. Portals and Field Apps play a pivotal role in modernising traditional manual processes, aligning them with the demands of the digital age.

* Our services in the IT Enabled Services domain include:

 GPS based fleet tracking system  Mail Room Management Services

 Insurance Claim processing services  Print to post services

 Data Entry, Data Capture and application processing  Call Centre and grievance management system

 IT equipment supply and AMC services

 Document Scanning, Data Entry and Digitization Services  Smart Meter Data Management

 Facility Management Services

 OMR based Recruitment Services

 OMR Printing, Scanning and Result Processing services  Equipment health monitoring through IoT based system

## POWER UTILITY REVENUE & PROJECT MANAGEMENT

##### SERVICES RELATING TO POWER SECTOR:

 SPOT BILLING AND BILL COLLECTION SERVICES  PHYSICAL BILL PRINTING AND DISPATCH

 GIS ASSET MAPPING & CALL CENTRE MANAGEMENT  SMART METER DATA MANAGEMENT SERVICES

 EPC CONTRACTS FOR ROOFTOP SOLAR, SOLAR STREET LIGHT/ HIGH MAST & SOLAR PUMPS

 NETWORK MONITORING AND PROJECT MANAGEMENT SERVICES

## SPOT BILLING AND COLLECTION SERVICES

We offer a comprehensive CMRI (Common Meter Reading Instrument) solution, leveraging Android mobile technology for efficient spot billing and payment collection. Designed for utility companies including gas distribution and electricity providers, our solution features a user-friendly mobile interface for field staff. It seamlessly integrates with a web admin panel, facilitating meter reading capture, spot billing issuance, and third-party integration as needed.

* We have developed an E-wallet based cash collection system which may be mentioned below:

 Customer(s) go to pay the cash to the cash collection centers

 Payment app is online with the utility server and fetches the consumer bill details after entering the consumer ID

 The collection agent has his e-wallet recharged as per Utility & GoI norms before proceeding to collection

 Collection agent collects the payment and issues receipt through his Bluetooth printer

 Receipt will be issued only if the E-wallet has sufficient balance

 Receipt amount will be transferred form the E-wallet to collection amount in real time

 Collected payment is posted in real time in the utility and the utility system receipts confirmation in SMS/ Email configuration.

 Daily cash collection report will be live and downloadable by the utility as per their convenience.

 Daily payment re-conciliation for payment received

 Updating the payment report and preparation of MIS report at the end of month or week as desired by the Utility

 Zero Risk collected funds not reaching the utility in time.

## RENEWABLE ENERGY RELATED SERVICES

Our Renewable Energy Services in the solar energy sector by undertaking the supply erection and maintenance of:

* Solar Power Plants:

 Grid Connected / Off Grid Power Plants  Hybrid Power Plants

 Off Grid Power Plants  Solar Micro Gird(s)

* Solar Lighting Systems:

 Solar Street Lighting System

 Solar High Mast Lighting System  Solar Garden Lights

* Solar Pumping System:

 Grid Connected Solar Water Pumping System  Off Grid Solar Water Pumping System

#### EMPANELLED ROOFTOP SOLAR AGENCY FOR:

Grid ConnectHybrid Power Plants

 North Bihar Power Distribution Company Ltd.  South Bihar Power Distribution Company Ltd.

 West Bengal Electricity Distribution Company Ltd.

 BSES Yamuna Power Ltd.

### Our EduTech Venture

We have launched our EduTech service in 2023, in Partnership with Mashmari Consultants Pvt Ltd.

Mashmari and Mega have forged Telecom expertise with ICT technologies to bring Internet based Learning on a common platform to service underserved rural and remote Education facilities.

Parity in Education is the mission for our next generation of young learners. Their Right to equal opportunity and education forms the corner stone of, ‘Project Mega Mash’.

* The current offerings are :

 Telecom and ICT based smart classrooms and LMS platform for Rural and Remote Primary schools

 University Smart classroom on subscription based models

 Mobile teaching and training facilities for short term training and Education

### Making e-learning work…. Every time

 Smart Classrooms  Public 4G/ 5G

 Campus Private 5G/ Wi-Fi 6  Point to Point Radio + NOFN  Campus Wi-Fi + Satellite

### E-learning Pilot for innovative tech & new models

Design of experiment stating key problems in e-learning e.g. lack of trained teachers, teacher absenteeism, absence of monitoring of curriculum, etc.

Highlights :

* Academic Institution + Ed Tech SI: Selection of remote and nodal Campus for e-learning pilot
* Sector Regulator + TSP + ED Tech SI: Purpose built Connectivity for e- learning in remote classrooms/ campuses
* Academic Institution + Ed Board + ED Tech SI: Content and curriculum moderation suitable for e-learning
* Academic Institution + ED Tech SI: Deployment of e-learning equipment and Teacher training
* All stakeholders: Benchmark target outcomes, measure and report success, plan for scale

Tabulation of results, identification of successful methodologies, deployment of successful e-learning methodologies at scale, benchmarking of results.

**Old problems demand modern solutions!!**

# e-Learning in Remote Smart Class using ICT, Digital Content and Online Collaboration

* Remote SmartCampus :

 Teaching Assistant  Learners

 Remote SmartClass

 Remote Campus Network  Edge ICT

 Edge Content

* Nodal SmartCampus :

 Expert Teacher

 Hybrid SmartClass

 Nodal Campus Network  Edge ICT

 Edge Content

* Content Distribution Network:

 Enterprise Connectivity  Last Mile Network

 Public Network Backhaul

* Central Cloud App, Content and Proflle Store:

 Cloud ICT

 Cloud Apps

 Central Repository

# A GLIMPSE OF OUR VALUED CLIENTS…

 West Bengal State Electricity Distribution Company Limited (WBSEDCL)  North Bihar Power Distribution Company Limited (NBPDCL)

 South Bihar Power Distribution Company Limited (SBPDCL)  Tata Power Delhi Distribution Limited (TATA Power-DDL)

 BSES Rajdhani Power Limited  BSES Yamuna Power Limited

 Noida Power Company Limited (NPCL)  American Express (AMEX)

 IDFC FIRST Bank

 ICICI Bank

 Central Depository Services (India) Limited (CDSL)  CPP Assistance Services Pvt. Ltd. (CPP India)

 Star Union Dai-ichi Life Insurance (SUD Life)  Canara HSBC Life Insurance

 Max Life Insurance

 Niva Bupa Health Insurance  Care Health Insurance

 DocOnline Health India Pvt. Ltd.

 Future Generali India Insurance Company Limited  IFFCO Kisan Sanchar Limited

 Religare Health Insurance  Bonanza Portfolio Ltd.

 India Post (Bharatiya Dak)  FedEx Express

 Tripura State Electricity Corporation Limited (TSECL)  West Bengal Board of Primary Education (WBBPE)  Indian Oil Corporation Limited

 Tripura Police

 University of Calcutta

 Balmer Lawrie & Co. Ltd.

 West Bengal State Council of Science & Technology (WBSCST)

# You have a Vision - We have the Solution

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