AtenTEC Business Development - LLC

Digital transformation specialists

ATENTEC
TECHNOLOGIES FOR ENTERPRISE CONTENT

01

Company overview

AtenTEC Business Development (LLC) is a leading digital transformation consultancy and custom software development company.

Establishment and Rebranding

02

Established in 1997 and rebranded in 2021, AtenTEC has been involved in meeting the demands of the digital landscape.

03

Industry Experience

With over 25 years of experience, we specialize in enterprise business management operations across multiple sectors.

![ATENTEC - Technologies for Enterprise Content]

04

Automotive Fleet Management Expertise

We have over 15 years of proven expertise in automotive fleet management, working with industry leaders such as Budget Rent-A-Car, KSA, and Taba Heights Marina.

05

Marine operations Management

Successfully implemented advanced marina management solutions for Orascom Development, showcasing our adaptability in complex maritime operations.

06

Cross-Industry Insights

Our cross-industry experience allows us to incorporate best practices and innovative solutions, driving operational excellence across diverse environments.

![ATENTEC — Technologies for Enterprise Content]

Our Value Proposition

Deep Industry Expertise

Specialized knowledge in automotive fleet maintenance and operations, and maritime operations.

Proven Track record

Experience with industry leaders including Budget Rent a Car; KSA, Taba Heights Marina, and Scuba Seekers.

Understanding of operations

Deep understanding of car rental business operations, workshop management, and marine industry operations.

Multi-location optimization

Extensive experience in optimizing multi-location operations.

Business-First Approach

Comprehensive business analysis before technical implementation.

Our Methodology

01
Business Analysis

In-depth study of current operations, identification of optimization opportunities, documentation of business rules and requirements, and ROI projection and business case development.

02
Solution Design

Custom workflow development, integration planning, technology stack optimization, scalability, and future-proofing considerations.

03
Implementation

A phased development approach ensures minimal operational disruption, comprehensive testing, and user training with documentation.

04
Support & Evolution

24/7 technical support, regular system updates, performance monitoring, and continuous improvement recommendations.

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Industry Focus: Automotive Fleet Management

Multi-location workshop management

01

Solutions designed to streamline operations across multiple workshop locations.

Fleet maintenance optimization

02

Strategies aimed at improving the efficiency and effectiveness of fleet maintenance.

Inventory control

03

Tools and practices for managing inventory levels and reducing excess stock

Workforce management

04

Systems to effectively manage and schedule workforce resources.

Quality control and compliance

05

Processes to ensure products and services meet quality standards and regulatory requirements.

Performance monitoring and reporting

06

Methods to track and report on the performance of fleet operations.

Technology stack

Overview of Development and Proprietary Technology

01

Programming Languages

Utilizes a a wide range of programming languages including Go, Rust, C++, Visual C++, PHP, JavaScript, TypeScript, and Python.

02

Databases

Supports various databases such as MSSQL., MySQL., MongoDB, Google Datastore, and Google BigQuery.

03

Frameworks

Incorporates frameworks like Microsoft Foundation Class (MFC), Gin, Nest.JS, Node.JS, Angular, and Next.JS.

04

Cloud Platform

Operates on the Google Cloud Platform for scalable and reliable service delivery.

05

Integration

Facilities integration through RESTful APIs and gRPC APIs for efficient communication between services.

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Proprietary Technologies

AtenG – SaaS Generic Backend Microservice

Unified communication APIs for microservices and database engines integrations.

High-performance architecture supporting concurrent loads advanced fault tolerance and resilience.

Cross-language communication protocol standardization.

Rapid integration capabilities between diverse microservices.

AtenG API Runtime

Advanced API management and deployment.

Scalable cloud-based architecture.

Enterprise-grade security and monitoring.

AtenF – SaaS Finance Engine

Comprehensive financial operations management API-driven integration capabilities

Real-Time financial visibility and reporting

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Development Methodology

Clean architecture principles

`01`

Focus on maintaining separation of concerns, promoting, scalability and testability in software design.

Microservices-based design

`02`

Utilizes independent services to enhance flexibility, allowing teams to develop, deploy, and scale applications more effectively.

Rapid Application Development (RAD)

`03`

Emphasizes quick development and iteration of prototypes to accelerate the production of applications

Agile and DevOps practices

`04`

Encourage collaboration between development and operations teams for continuous integration and delivery.

Enhancing responsiveness to change.

Cloud-first approach

`05`

Prioritizes cloud technologies for application development, ensuring scalability.

Company Presence

AtenTEC Location

www.atentec.com

Head Office

45 Kembiz St. Dokki, Giza, Egypt

R&D Office

18 Togariah Dist., El Tor, South Sinai, Egypt

Team Size

17 specialized professionals

AtenTEC Flagship Projects

Workshop Management System (FleetFix)

Workshops Management System for enterprise car rental (Budget Rent a Car).

Anchornize – Marine Tourism Platform

A comprehensive platform that interconnects water sports enthusiasts with marine and maritime business service providers.

AtenG API Microservices

Backend-less Saas microservices for rapid development. (EJCO Industries, Itmam Digital Solutions, Donya Red Sea, Garage90, ZUAF Project)

Anchor BMS

The most integral operation management solution for maritime operations. (Taba Heights Marine, Scuba Seekers, Eazy Divers, Red Sea Tribe)

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Key Differentiators of AtenTEC's Workshop Management Solution

Workshop Floor   Floor Overview   Task Coverage   Activities   Part Requisitions   Vehicle History

Job Card No.	Local No.	Plate No.	Service Type
66	**21**	**ABC 378**	**Medium Accident**
Send to QC	Change	ا ب ص 378	Change

🖹 Repair Plan   ✈ Spare Parts   📋 Parts Requisition   ✅ Activity Table

Total Steps: (5)   ➕ Add Step   ✓ Complete Step

1 - Done
1137 Mins

2025-01-26 15:38   **3 Tasks, 4 Acts**
Prepare for denting and denting
Unfitting and denting to send to paint
2025-01-27 10:35

2 - In-Progress
126 Mins

2025-01-27 10:39   **4 Tasks, 2 Acts**
Painting
Painting work
2025-01-27 12:45

3 - Pending
Mins

Pending   **3 Tasks, 0 Acts**
Fitting un fitted items
Fitting unfitted mechanical and electrical items and send to mechanical and electrical final check

4 - Pending

Pending   **3 Tasks, 0 Acts**
Final checking
Completing mechanical and electrical work if required

⚡ Electrical

Sys. Ref.	Status	Work To Do
249	0 / 0	Fitting electrical items

Mechanical

Sys. Ref.	Status	Work To Do
250	0 / 0	Fitting mechanical items

Denting

Sys. Ref.	Status	Work To Do
251	0 / 0	Fitting body accessories

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1 **Real-Time Insights and Decision Support**

Dynamic Job Order Creation adapts to fluctuating rental demand, ensuring optimal resource allocation.
Prioritized Repair Selection aligns repair efforts with urgent rental needs, while Repair or Sell Decision Support leverages data analytics to make informed decisions bout vehicle dispositions

2 **Robust Inventory Management**

Multi-Source Inventory Integration provides a unified view of spare parts inventory from various sources.
Strategic Stock Level Alerts minimize stockouts and optimize inventory levels, while Barcode-Enabled Stock Security enhances inventory accuracy and control.

3 **Enhanced Efficiency and Productivity**

Streamlined Vehicle Intake and Repair Processes reduce turnaround time and improve overall workshop efficiency.
Real-Time Job Completion Status optimizes workshop scheduling and resource utilization.
Immediate Technical History Access facilitates quick diagnosis and repair, and Employee Attendance and Leave Management ensure adequate staffing levels.

4 **Strong Quality Control and Compliance**

Quality Control Checkpoints ensure adherence to quality standards and customer satisfaction.
Photo Documentation and Tracking provide a visual record of vehicle damage and repair progress, and compliance with industry standards adheres to best practices in workshop management and inventory control.

5 **Data-Driven Insights and Reporting**

Repair Cost and Efficiency Monitoring tracks key performance indicators to identify areas for Improvement.
Financial Accuracy in Stock Valuation provides accurate financial reporting and decision-making, while Detailed Reporting and Analytics generate insights to optimize operations and reduce costs.
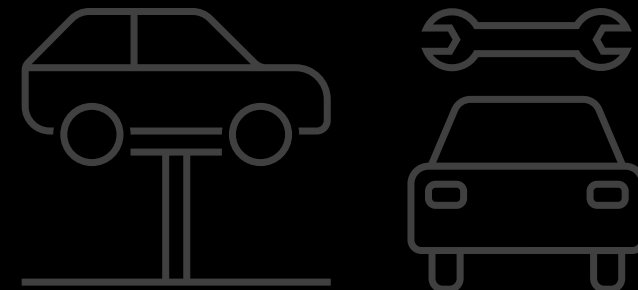
Success Story: Budget Rent A Car; KSA

Implementation of Enterprise Workshop Management System (FleetFix)

Success Story: Taba Heights Marina (Orascom Development)

Implementation of Anchor MMS – A Look into Maritime Management Success

Scope

The Project focuses on a maritime operations management system for a high-capacity tourism marina.

Technologies

Utilizes microservices architecture, Pub/Sub, and a hybrid SQL/NoSQL approach.

Impact on Invoicing

Achieved a 95% reduction in invoicing errors.

Impact on Audit Times

Reduced audit times by 78%.

Impact on Onboarding Accuracy

Achieved 98% accuracy using M/L.

ATENTEC Products

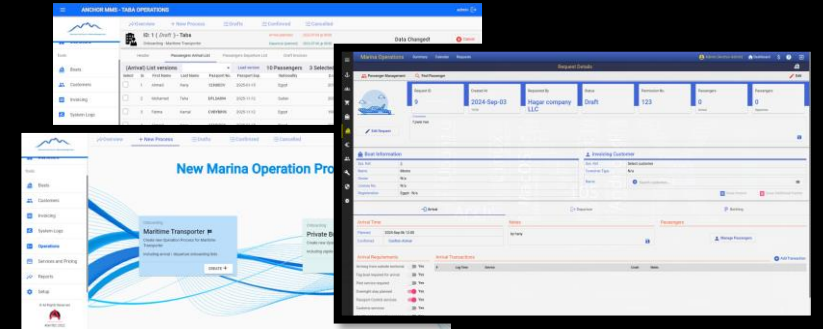Sample from AtenTEC's solutions for managing operational/financial various businesses
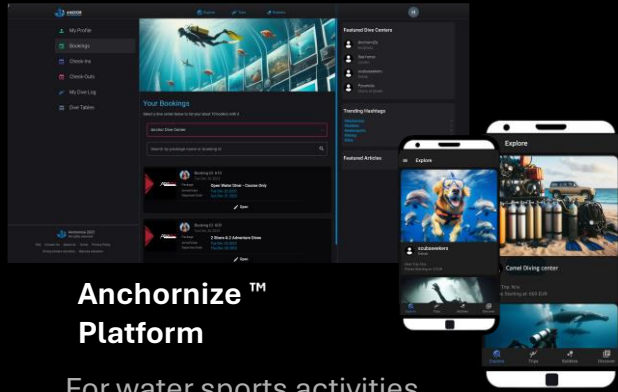
Anchornize ™ Platform

For water sports activities enthuse and service providers.

Anchor ™ BMS Editions

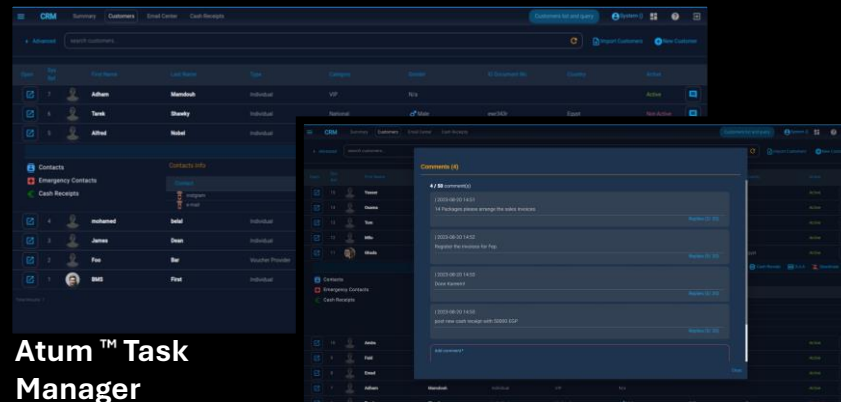Diving centers management software (Operational & Financial)

Anchor ™ MMS

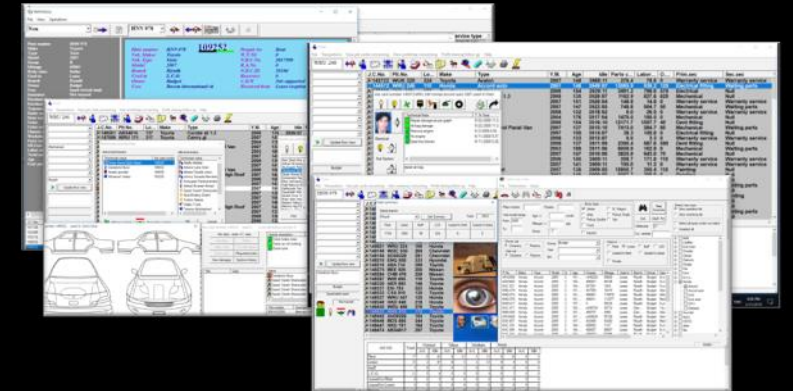For water sports activities enthuse and service providers.

Atum ™

Business Management Software with multi-modules.

Atum ™ Task Manager

software tool designed to efficiently manage tasks, deadlines, and projects. Collaborate seamlessly, create, and assign tasks, track progress, set priorities, and enhance overall productivity.

AtenTEC FleetFix

AtenTEC's Workshop Management Software Solution.

Why choose

ATEN*TEC*
Technologies for Enterprise Content

Proven Expertise •

AtenTEC has over 15 years of experience in the automotive sector, with a deep understanding of car rental operations and successful implementations with industry leaders.

Custom Solutions •

Solutions are tailored to specific business needs, featuring flexible and scalable architecture, along with integration capabilities with existing systems

• Business Impact

AtenTEC delivers measurable operational improvements, cost reduction through increased efficiency, enhanced decision-making capabilities, and improved customer service

• Long-term Partnership

AtenTEC offers ongoing support and maintenance, regular updates and improvements, business consultancy and optimization, and technology modernization

ATENTEC Board

Mamdouh Abdel Azim
CTO

Hagar Abd El-Ghany
CMO

Mohammad El-Masoudi
Product Operations Manager

Hany Mamdouh
CEO

Ahmad Saad
Quality Assurance Manager

Hussam Hussain
Business Development Manager

THANK YOU

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