



# Digimental

From physical to digital, end-to-end security.

BIOMETRICS • SECURITY PRINTING • SOFTWARE • AUTOMATION • 2026

COMPANY

# Solutions that **unite** the physical and digital worlds.

Digimental Teknoloji A.Ş. is an Istanbul-based technology company building enterprise technology solutions for public institutions and enterprise customers in biometric recognition, security printing technologies, traceability software and AI-powered automation.

01

## Identity Verification

Every layer of identity with face, fingerprint and iris recognition; liveness detection and anti-spoofing.

02

## Security Printing

Security printing from design to field deployment, variable data, and traceability software.

03

## AI-Powered Automation

Agent-based automation pipelines running under human approval, with every output on record.

We never treat technology as an end in itself. Every product is engineered for institutional trust, auditability and decision quality — our claims are measured, our outputs evidence-based.

COMPANY

02

# Biometric Recognition

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We develop solutions for organizations' identity verification needs with face, fingerprint and iris recognition technologies. With liveness detection, anti-spoofing and multimodal matching, our systems are configured per scenario — from access control to remote customer onboarding.

- **Face Recognition** — real-time verification; protection against photo, video and mask spoofing
- **Fingerprint Recognition** — scalable matching infrastructure for enrollment, verification and identification
- **Iris Recognition** — contactless, high-precision verification for critical access points
- **SDK & API layer** — on-premise or cloud; KVKK-compliant data processing, role-based access and audit trail

# Security Printing & Design

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We develop printing technologies, print design and digital transformation solutions tailored to our customers' needs — managing projects end to end, from the design stage to field deployment.

- Security prints and anti-counterfeiting patterns
- Variable data applications — serial numbers, unique codes, personalization
- Label and packaging design
- Personalized printing systems for production processes



# Print Software Solutions

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We build desktop, web and mobile applications that support print operations — enabling data management, product identification, traceability, verification, reporting and the digitalization of operational processes. These software capabilities form the foundation of our flagship product, the Security Print Tracking System.

01

## Identification & Traceability

A unique identity for every product; seamless tracking from production to the field.

02

## Verification & Reporting

Mobile verification applications and audit-ready reporting.

03

## Custom Development

Scalable, user-friendly solutions fully aligned with business processes.

By bringing together printing technologies, data management, automation systems, mobile verification applications, cloud-based platforms and integration solutions, we deliver value-added projects that unite the physical and digital worlds.

FLAGSHIP - END-TO-END TRACKING

# Security Print Tracking System

Manages the production process of secure printed products on a single platform: from serial number generation to print-ready files and production tracking, every stage is controlled, traceable and auditable. Each serial number is tracked from start to finish; every action is written to the audit trail with time, user and reason.

01

## Serial No & Template

Approved design template and unique serial number generation; version control and duplicate prevention.

02

## RIP & Print Pool

Print-ready file creation, RIP processing and a dynamic print pool for controlled production.

03

## Monitoring & Reconciliation

Production monitoring, audit trail and reconciliation reports; rejected, voided and completed quantities in real time.

16 activatable security features · JMF integration · iOS & Android verification SDK

PRODUCT 04

# QR Studio Lab

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A design-driven QR generation platform. Every generated code stays trackable and updatable; it complements our security printing line in product identification and verification scenarios.

01

## Dynamic Redirects

Targets update without reprinting the code; campaign and product lifecycle management.

02

## Card Builder & Templates

Brand-compliant QR cards and ready-made enterprise templates.

03

## Analytics

Scan data: time, location, device — measurable field performance.

Live at [qrstudiolab.com](https://qrstudiolab.com).

# AI-Powered Automation

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We turn organizations' repetitive business processes into agent-based automation pipelines: data collection, document processing, content production, reporting and approval flows run automatically, under human supervision.

01

## Under Human Approval

Critical steps pass through human approval; automation never runs blind.

02

## Traceable Output

The source and approval chain of every output is on record — audit-ready.

03

## Data In-Country

Systems run on the company's own AI infrastructure; data never leaves for third-party clouds.

CORE PLATFORM – TECHNOLOGY ECOSYSTEM

# Octopus — the engine that unifies every system.

Octopus is Digimental's own integration engine. It unifies biometrics, security printing, traceability and automation in a single orchestration layer, surrounded by the licensed solutions of world-leading technology partners.

01

## Octopus — Core Engine

All systems managed from a single control plane; cross-system identity and data flow, open integration via API & SDK, on-premise or cloud.

02

## Secure Print Technology

A world leader in security printing software and serialization, offered licensed within the Digimental platform for Turkey.

# Digimental

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