

# UNIGEN AI HW WITH BISCOTTI AI MODULES & ALGOFACE SW



**Poundcake**  
AI Inference Server



**Cupcake**  
Edge AI Server

- ✓ AlgoFace Face Redaction SDK
- ✓ Supports Ubuntu and Windows with a C++ API for flexible platform development
- ✓ Compatible with Hailo AI chips and other Neural Processing Units
- ✓ Image Formats: BMP, JPEG, PNG, TIFF, and more
- ✓ Video Formats: MP4, AVI, MOV, MPEG, and others

## BENEFITS



**Privacy-First Technology:** Edge-enabled facial intelligence solutions without integrated recognition.



**Comprehensive and Selective Face Redaction:** Redact all or selected faces from images and video.



**Advanced Tracking:** Robust face tracking for consistent redaction, even in crowded or streaming scenes.

## ABOUT UNIGEN

From EMS to OEM and everything in between, Unigen has been a trusted technology partner to customers worldwide for over 30 years. We are a global leader in the design and manufacturing of industrial and enterprise grade OEM products, while also offering a full array of Electronic Manufacturing Services leveraging our state-of-the-art facilities in the U.S.A. and Vietnam. Whether you're seeking solutions or services, Unigen strives to simplify your life.

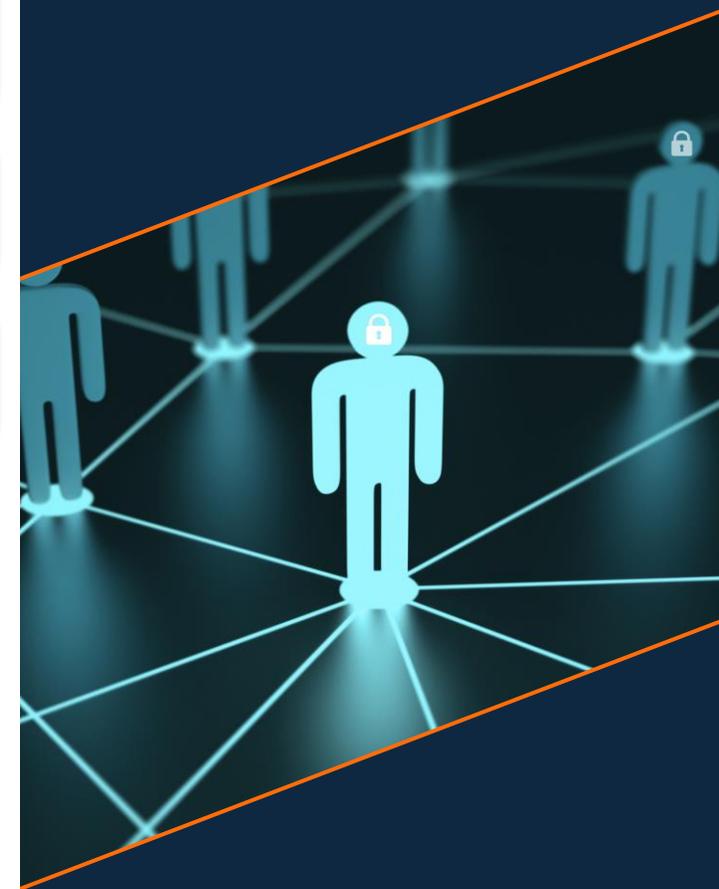
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## ABOUT ALGOFACE

AlgoFace powers enterprise infrastructure via a range of responsible closed-source Face AI software solutions built for the edge and optimized for mobile, desktop, XR, and embedded systems with minimized power requirements and maximum privacy.

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## Advanced Face Redaction

Automated single and multi-face detection and anonymization for data utilization with privacy protection



## Example Use Case: Privacy-First Park Monitoring with AI Face Redaction

**Goal:** Monitor a park without compromising personal privacy

**Use anonymized video data to:**

- Analyze park usage patterns
- Optimize maintenance schedules
- Justify budget increases based on activity levels
- Identify underutilized areas for program planning

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### Video Source



Park surveillance cameras receive raw video footage

## AI Face Redaction Process Flow

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### Edge Processing & Face Redaction

Video is processed locally on Unigen's *Poundcake* AI Inference Server or *Cupcake* Edge AI Server



*Poundcake*



*Cupcake*

- AlgoFace's Face Redaction SDK detects all human faces in the video feed and assigns them a de-identified numerical tag
- All or selected faces are automatically obscured



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### Redacted Output



Video feed is viewed and captured with faces redacted

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### Actionable Insights



Anonymized data can be analyzed to reveal actionable insights