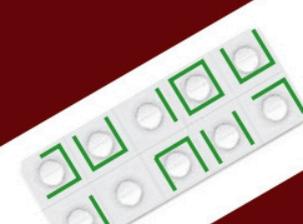




## INDUSTRIAL BATCH CODING & INSPECTION SOLUTIONS

✓ PRECISE   ✓ RELIABLE   ✓ EFFICIENT



# Your Trusted Partner

## For Machine Vision Inspection Systems and Online Printing Solutions

At ASG, we take pride in being a single-window, end-to-end solution provider for machine vision inspection systems. With a strong commitment to precision and reliability, we offer customized solutions that are extensively proven across multiple installations. Our loyal and repeat customers stand as a testament to the confidence and satisfaction our products, solutions, and services bring to their operations.

Backed by rich experience, deep technical expertise, and a comprehensive in-house infrastructure, we deliver complete, seamlessly integrated solutions tailored to meet the most demanding inspection challenges. Our systems are meticulously designed and developed to be ACCURATE, EFFICIENT, and OPTIMIZED, ensuring superior performance in real-world applications.

From pharmaceuticals to other critical industries, we provide a vast range of machine vision solutions that enhance quality control, boost productivity, and minimize errors. When you choose ASGlobal, you choose excellence, innovation, and a long-term partner dedicated to your success.

## APPLICATIONS >>>

### PRIMARY

- Bliss Inspection
- Cap Inspection
- Vials Inspection
- Seals Inspection
- 1D,2D Code Inspection
- Batch Coding
- 1D,2D Bar Codes Print QR, Matrix etc

### SECONDARY

- Flap Inspection
- Pasting Inspection
- MixUp
- Tap Inspection
- 1D, 2D Code Inspection
- Serialization
- Batch Coding
- 1D, 2D, Barcodes print (QR, Matrix, etc.)
- OCR / OCV
- Print Missing
- Out of Window
- Logo Inspection

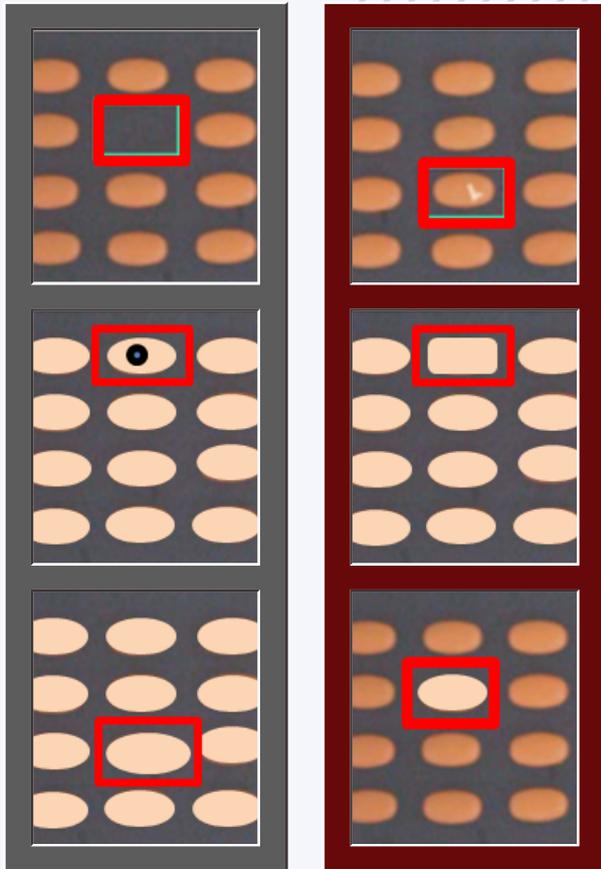
### TERTIARY

- Code Reading
- Agariagtion
- Product Missing
- Batch Coding
- 1D, 2D, Barcodes print (QR, Matrix, etc.)
- Shipper based print
- OCR / OCV
- Print Missing

# BLIS CHKR

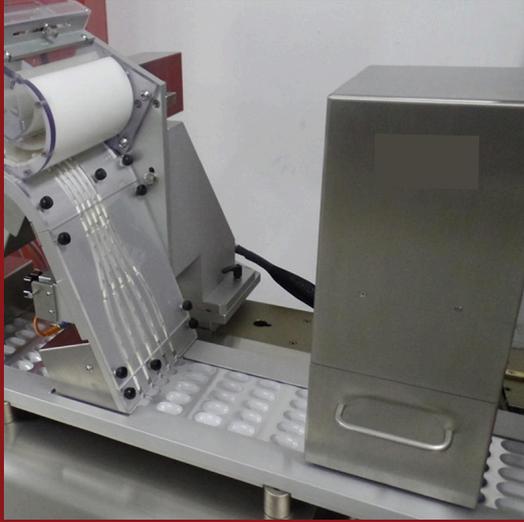
## INTIGRATED BLISTER NFD SYSTEM

A Square Global : BLIS CHKR is an advanced inspection solution for tablets and capsules. Engineered for seamless integration, this system can be easily retrofitted to any blister packaging machine. Fully compliant with 21 CFR regulations and designed in accordance with GMP standards, it is an ideal choice for the pharmaceutical industry. With user-friendly operation and a robust AI-driven algorithm, BLIS CHKR ensures accurate and efficient performance.



## Blister Inspection System can detect

- Missing Tablet.
- Cracked / Broken Tablets.
- Spots on Tablets.
- Wrong Shape.
- Oversized / Undersized.
- Foreign particles (Fragments )
- Colour Variation.
- Double tablets.



## System Modules

- High resolution & high speed Vision camera.
- Custom white LED illumination.
- SS encloser as per GMP design criteria.
- Integrated with control panel.
- Alarm & status anunciation.
- Customized mounting suitable for all machines.

## Features

- Compact Design.
- User Friendly.
- Powerful Algorithm.
- 21 CFR Complaint.
- High Speed & High Resolution.
- Versaltile & Flexible.
- Report & Analysis.
- Integrated reject option.

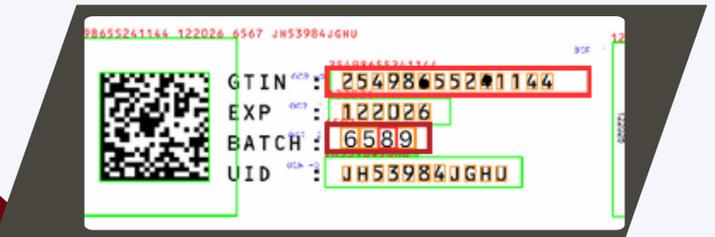
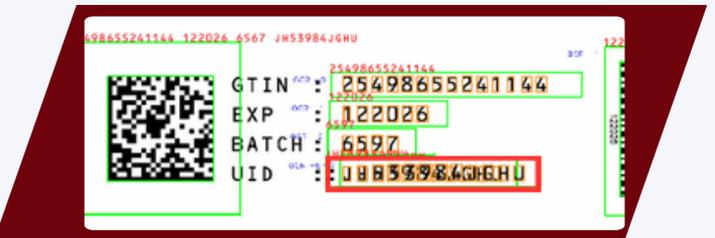
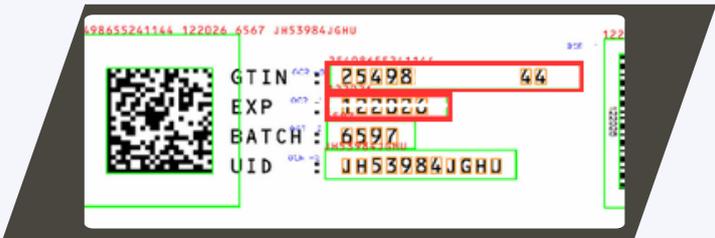
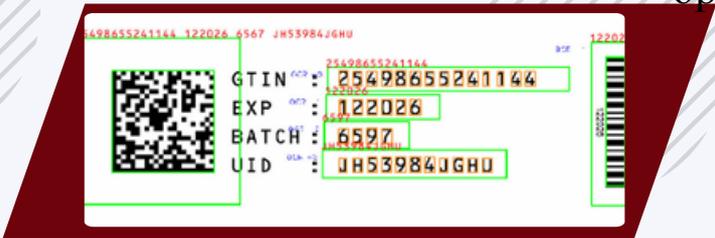
# OCR CHKR



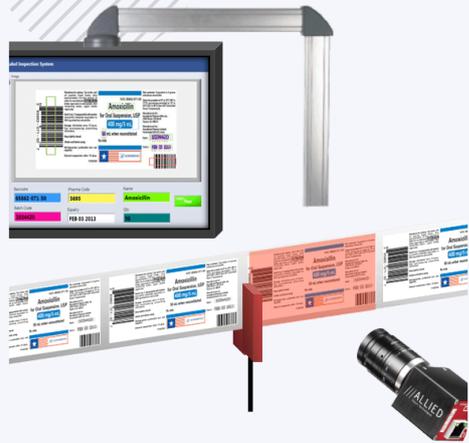
A Square Global: OCR CHKR is an advanced inspection solution designed to ensure the accuracy of printed batch codes on labels. This system offers seamless integration with existing label printing processes and can be easily retrofitted to various printing machines. Fully compliant with 21 CFR regulations and GMP standards, OCR CHKR is specifically engineered for industries requiring precise quality control. Its robust AI-powered algorithm guarantees efficient, error-free character recognition, enabling quick and reliable inspections of batch codes on labels, ensuring compliance and operational efficiency.

## Inspection System can detect

- Misprint.
- Print got Lining.
- Character missing.
- Blouting.
- Merge print.
- Non readable.
- Print outoff window.
- Double print.
- Brand name.



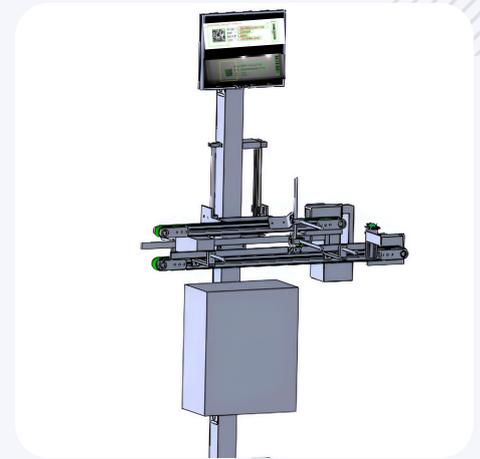
# SOLUTIONS



**LABELING M/C  
SUITABLE FOR  
ANY LABELING  
MACHINE WITH  
INTEGRATED  
REJECTION  
MECHANISM**



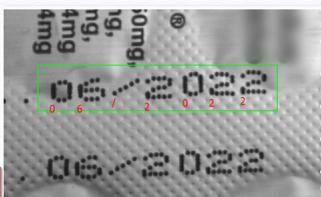
**OFFLINE PIR  
STANDALONE  
CONVEYOR  
WITH PRINT,  
INSPECT AND  
REJECT  
CAPABILITIES**



**ONLINE OCR  
INTEGRATED  
WITH  
AUTOCARTONA  
TOR. INLINE  
CONVEYOR  
WITH PIR**

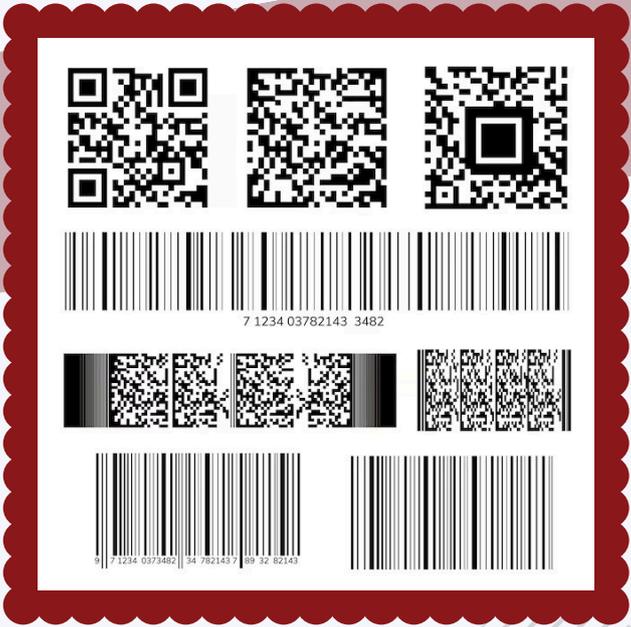
## Features

- ◆ Compact & Space-Efficient Design
- ◆ User Friendly
- ◆ Powerful OCR & Barcode Recognition
- ◆ 21 CFR Compliant
- ◆ High Speed & High-Resolution Inspection
- ◆ Versatile & Compatible with Multiple Label Types
- ◆ Real-Time Report & Analysis
- ◆ Automatic Rejection of Defective Labels



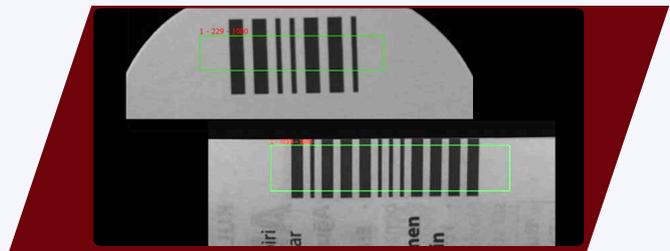
# CODE CHKR

A Square Global: CODE CHKR is an advanced solution for reading multiple codes across various products. It supports 1D & 2D barcodes, QR codes, pharma codes, and crypto codes, ensuring seamless integration into production lines. Designed for accuracy and efficiency, CODE CHKR utilizes a powerful AI-driven algorithm to deliver fast and reliable code recognition, making it an ideal choice for pharmaceutical and industrial applications.



## Inspection System can detect

- ◆ Pharma code
- ◆ 1/2D QR code
- ◆ Multicode reading
- ◆ Traceability
- ◆ Parentchild aggregation
- ◆ Code grading and verification
- ◆ Crypto code



# System Modules

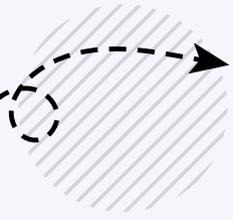


- High resolution & high speed Vision camera.
- Custom white LED illumination.
- SS encloser as per GMP design criteria.
- Integrated with control panel.
- Alarm & status anunciation.
- Customized mounting suitable for all machines.

## Features

- Compact Design
- User Friendly
- Advanced OCR & Barcode Decoding
- 21 CFR Compliant
- High-Speed & High-Resolution Scanning
- Versatile & compatible with Multiple Code Formats
- Real-Time Report & Analysis
- Integrated Reject & Alert System



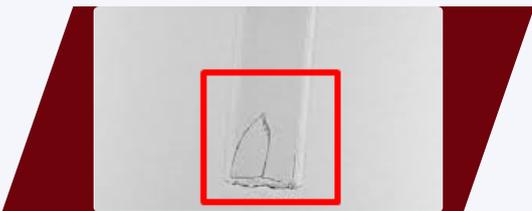


# VIALS CHKR

A Square Global: VIALS CHECKER is an advanced inspection solution for vials and ampoules. Designed for seamless integration, it ensures precise detection of defects, cracks, and contamination in pharmaceutical packaging. Fully compliant with industry regulations and powered by a robust AI-driven algorithm, VIALS CHECKER guarantees fast, accurate, and reliable inspection, making it an ideal choice for pharmaceutical and biotechnology industries.

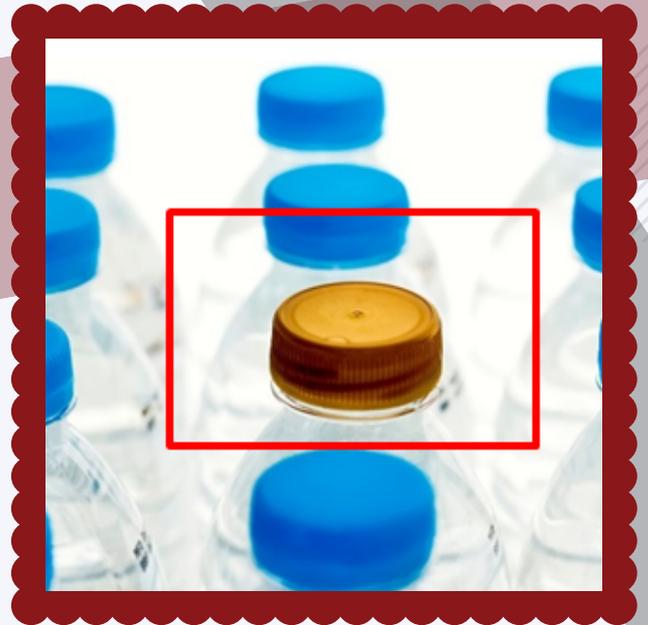
## Inspection System can detect

- ◆ Shape.
- ◆ Dimension measurement.
- ◆ Glass particle.
- ◆ Neck broken.
- ◆ Crack.



# CAP CHKR

A Square Global: CAP CHECKER is an advanced inspection solution for bottle cap inspection on vials and bottles. Designed for seamless integration, it detects misalignment, defects, and improper sealing with high precision. Fully compliant with industry regulations and powered by a robust AI-driven algorithm, CAP CHECKER ensures fast, accurate, and reliable inspection, making it an ideal choice for pharmaceutical and packaging industries.



## Inspection System can detect

- Missing cap
- Wrong cap
- Loose cap
- Seal cap
- Cap damage
- Cap wad missing



# TIJ PRINTER

## WEBER MARKOPRINT



A Square Global: X1-JET PRINTERS is a high-performance solution for batch coding and printing 1D & 2D barcodes, QR codes, Data Matrix, and variable codes on labels, cartons, blister foils, pouches, and more. Designed for seamless integration into production lines, it ensures precise and reliable printing. With an AI-driven system, PRINTERS delivers high-speed, accurate, and consistent marking, making it ideal for pharmaceutical and industrial applications.

## Features

- ◆ Thermal Inkjet Printers. (TIJ)
- ◆ Unlocked Printers.
- ◆ User-friendly due to 3-logic
- ◆ Printing Height 12.5mm.
- ◆ Integrated with software.
- ◆ User managements 3 Levels.
- ◆ High speed.



## SOLUTION

- ◆ Batch coding.
- ◆ 1/2D Barcodes, QR , Data matrix , variable codes , etc.
- ◆ Logos and images print.

## Specification

- ◆ Speed 500 p/m at 300 \* 600 DPI.
- ◆ Support with Software.
- ◆ Max print 12.7mm.
- ◆ Throw distance 2-5mm.
- ◆ Create font at any size.
- ◆ Use LAN cable and pendrive for operation.

# TIJ PRINTER

## TAIWAN G10

A Square Global: G10 PRINTERS is a high-performance solution for batch coding and printing 1D & 2D barcodes, QR codes, Data Matrix on labels, cartons, blister foils, pouches, and more. Designed for seamless integration into production lines, it ensures precise and reliable printing. With an AI-driven system, PRINTERS delivers high-speed, accurate, and consistent marking, making it ideal for pharmaceutical and industrial applications.



## Features

- Thermal Inkjet Printers (TIJ)
- Unlocked Printers.
- User-friendly due to 3-logic
- Printing Height 12.5mm , 25mm
- User management 3 Levels.
- High speed.

## SOLUTION

- Batch coding.
- 1/2D Barcodes, QR, Data matrix, etc.
- Logos and images print.

## Specification

- Speed 500 p/m at 300\*600 DPI.
- 10-Inch touch screen.
- Min print 12.7mm and Max print 25mm.
- Throw distance 2-5mm.
- Upload font easily.

# Our Clients

## Pharma

## FMCG

							
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## Food & Beverages

							
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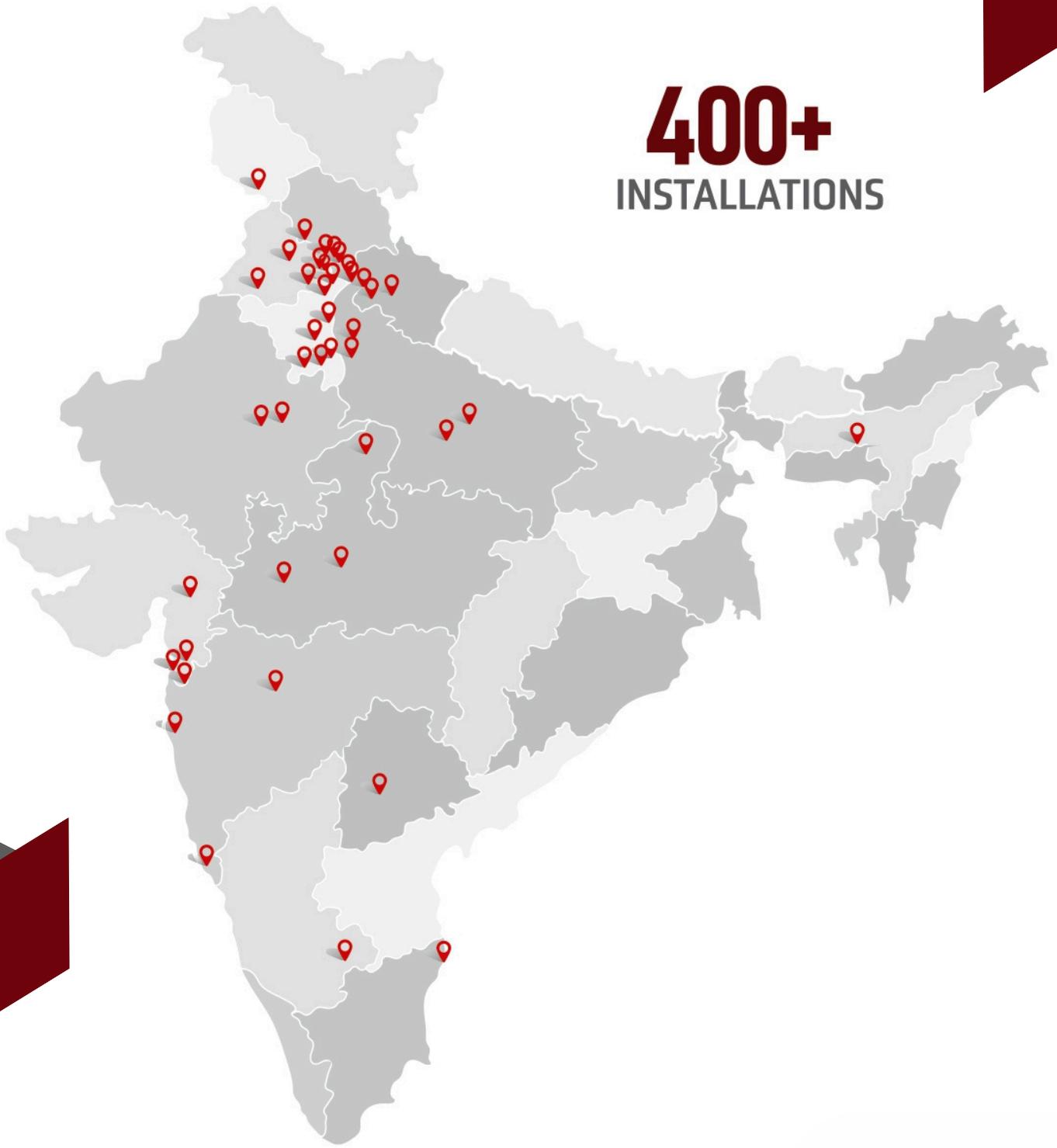


Website



Youtube

**400+**  
INSTALLATIONS



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