

# Regulatory Marking

VIAjet™ V-SERIES DROP-ON-DEMAND VALVE JET PRINTERS POWERED BY MPERIA®

Engineered Solutions



# Unmatched Clarity of APA and TECO Marks on Your Engineered Wood Products

Manufacturers of engineered wood products in the United States and Canada must certify their products are designed and tested to the loading and span requirements / standards set by global and local regulatory agencies. The APA and TECO provide grade stamps that mills then apply to demonstrate solid product design, manufacturing, and quality testing.

## Problem: Legacy Stamping

- + Mechanical roller coder stamp often illegible
- + Poor marking leads to perceived product inferiority in the marketplace
- + Potential risk of regulatory agency revoking certification
- + Extremely limited branding opportunities with stamping reducing retail appeal

## Solution: VIAjet™ V-Series

- + The V-Series is the proven solution for high-speed inkjet marking of APA and TECO marks with the longest life printheads in the industry
- + MPERIA® is a truly universal controller enabling unmatched scalability
- + Designed for harsh industrial environments with advanced printhead nozzle design and flushing valve systems for easy cleaning and maintenance

## Typical Application Parameters

- + Typical line speed: 100 - 800 fpm (30 - 250 ppm) with our 8000+ Maxi printhead
- + Ambient Plant Temperature: 40° - 104° F (5° - 40° C)
- + Typical Boards/Min: 10 to 60
- + Ink: SCP-901A or SCP-350
- + Marking Area Height: 4 1/2 in. (64 pixels)
- + Typical Board Temperature: 240° F (115° C)



# VIAjet™ V-Series Regulatory Marking Advantages

- + Reliable, legible and repeatable APA and TECO marks
- + Unique marking for each product with immediate message updates for downgrade code
- + MPERIA® drives the V-Series printheads and easily scales to add marking for branding, nail lines, barcodes, and more
- + Seamless PLC integration that includes production reporting of panels & grades, I/O integration and built-in ink consumption calculation
- + Increase productivity and efficiency: no cleaning rubber stamps, replacing worn applicators, mechanical adjustments, or installation issues

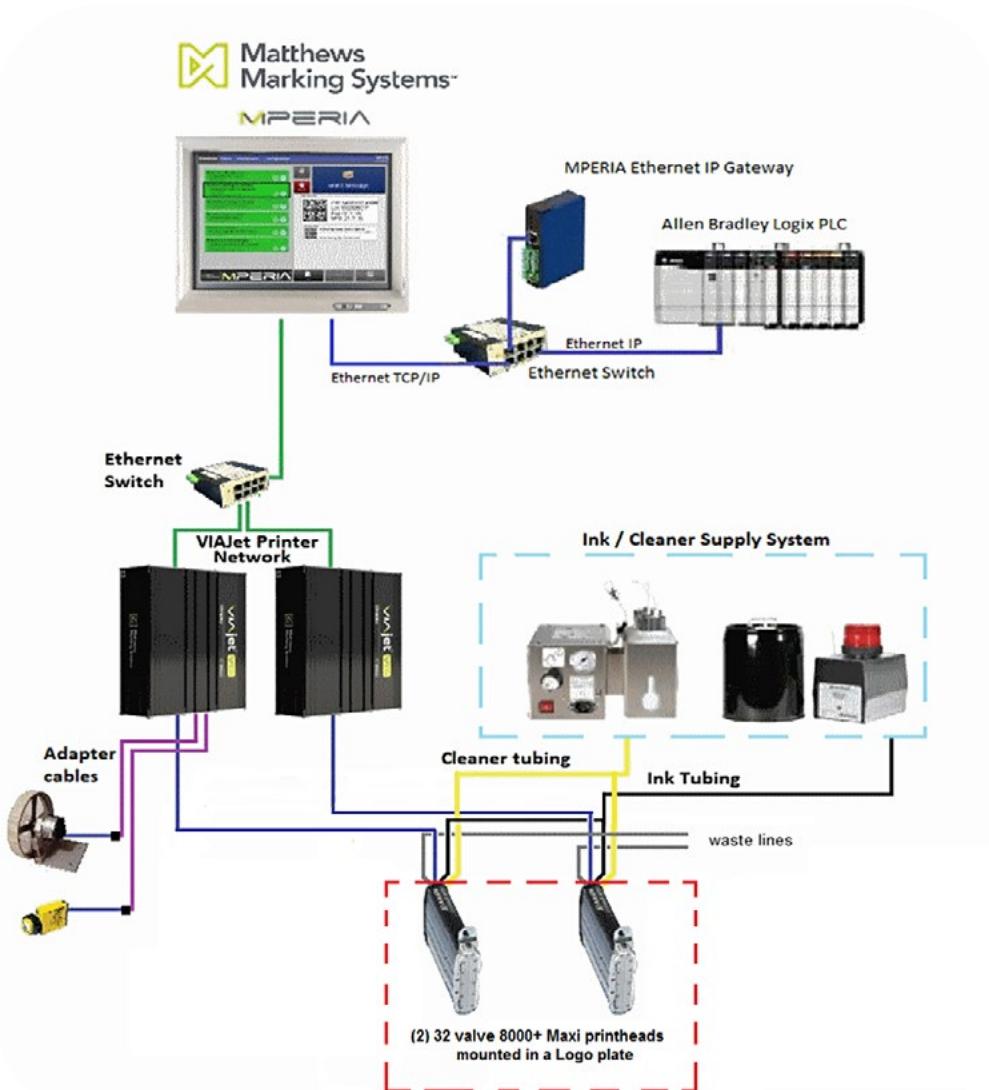


## Regulatory Marking Options to Consider

- + Safe operation of the MPERIA® controller and V-Link modules with IP54 enclosures
- + Cooling options ensure precise marking in high temperature applications and a laser encoder for exact marking precision
- + Seamless integration with both Allen Bradley PLCs and non Allen Bradley PLCs
- + Reduced downtime with low ink alarm operator notification, PLC status monitoring and line control
- + Remove installation headaches with ink mounting racks, airline filter and I/O module mounting
- + Incredible runtime with 275 gallon ink tote for water-based APA approved ink\*
- + Consistent ink supply driven by a fluid transfer pump and 25 gallon holding tank fed from the 275 gallon ink tote\*
- + Flammable fluid storage cabinets keeps operators safe



## Solution Schematic



## Related Solutions



Inkjet Barcode



Unit/Stack Inkjet Stencil



Matthews Marking Systems is a global supplier of marking and coding solutions for product identification, branding, and traceability. Our customers trust us to help them achieve increased productivity while driving bottom line improvement with reliable systems for any application. With over 160 years of marking and coding experience, we've established a global reputation as a premier innovator helping customers succeed in industrial and consumer goods packaging industries.