

**CODE 3**

# MATRIX<sup>®</sup>

**EASY. INTUITIVE. CUSTOMIZABLE.**

VEHICLE CAN DATA

[ X7S6464ATZ.A ]

HORN

TACH

SPEED



THE FIRST **CLICK. DRAG. DROP.** SOFTWARE

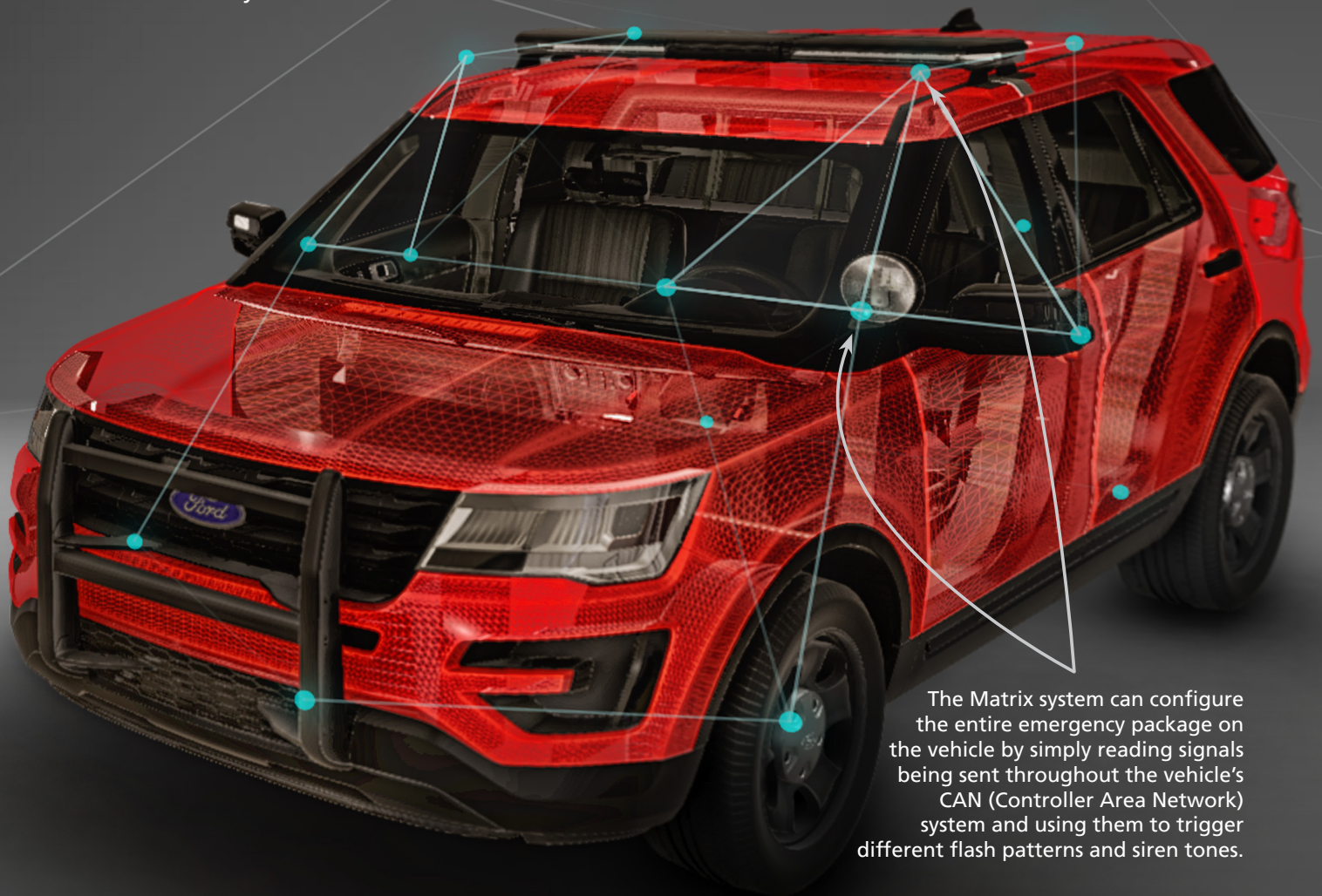
**CODE 3**

# MATRIX<sup>®</sup>

## SYSTEM

Whether it's a high-speed pursuit or a routine stop, running code requires an officer's full attention. Their lives and the lives of the citizens they protect depend on their quick, decisive actions. Command the attention of pedestrians and motorists with customized, intelligent technology that automates the driver's emergency warning needs.

Introducing Code 3's latest emergency safety innovation – the Matrix: **Easy. Intuitive. Customizable.** The Matrix is an emergency vehicle system that programs police vehicle lights and sirens quickly and efficiently.



The Matrix system can configure the entire emergency package on the vehicle by simply reading signals being sent throughout the vehicle's CAN (Controller Area Network) system and using them to trigger different flash patterns and siren tones.

# EASY.

Choose from a standard configuration or completely customize your entire emergency system with our plug-and-play installation of Matrix compatible products.



# INTUITIVE.

An industry first - **Click. Drag. Drop.** Program your emergency system without your IT department.

**CODE 3** **MATRIX CONFIGURATOR**

**INPUT DEVICES** Filter: All Input Devices

**Z3 SIREN PUSHBUTTON CONTROLLER**

Buttons: A1, A2, A3, B1, B2, B3, B4, B5, C1, C2, C3, C4, C5, A4, A5, B6, B7, B8

Press:  Short  Long  Standby  Short / Standby  Long / Standby  Off

Controller Conditions:

- Device State Normal
- Device State Alert Level 1
- Device State Alert Level 2
- Device State Alert Level 3
- Device State Manual Wall
- Device State PTT Volume Menu
- Device State Backlight Brightness Menu
- Device State RBB Volume Menu
- Device State Any Device State No1 Menu
- Device State Any Except Normal

**Z3 SIREN**

14 Pin Wire Inputs: [Color-coded pins] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X]

Wires: High Low

**ACTIONS** Filter: All Actions

- Aux C5
- Aux C6
- Aux C7
- Aux C8
- Play Tone (Primary)**
  - Standard Wall Tone
  - Manual Wall Tone
  - Yelp Tone
  - Intersection Tone
  - Hi Lo Tone
  - Hyper Yelp 1 Tone
  - Hyper Yelp 2 Tone
  - Hyper Lo 1 Tone
  - Alarm Chirp Tone
  - Command Alert Tone
  - Low Wall Tone
  - Low Yelp Tone
- Play Tone (Secondary)**
  - Standard Wall Tone
  - Manual Wall Tone
  - Yelp Tone
  - Intersection Tone
  - Hi Lo Tone
  - Hyper Yelp 1 Tone
  - Hyper Yelp 2 Tone
  - Hyper Lo 1 Tone
  - Alarm Chirp Tone
  - Command Alert Tone
  - Low Wall Tone
  - Low Yelp Tone

**CONFIGURATION**

- A1 (Short Press)**
  - Hit and Go Mode Enabled
  - Secondary Siren Attached
- Z3 SIREN**
  - Play Tone (Primary)
    - Yelp Tone
- A1 (Short Press)**
  - Hit and Go Mode Enabled
- Z3 SIREN**
  - Play Tone (Primary)
    - Yelp Tone
  - Low Wall Tone
- A1 (Short Press)**
  - Standard Wall Tone
  - Hyper Yelp 2 Tone
- Z3 SIREN**
  - Play Tone (Secondary)
    - Yelp Tone
- Z3 SIREN CONTROLLER**
  - Device States
    - Device State (Alert Level 3)

# CUSTOMIZABLE.

Quickly customize your entire emergency system. Trigger flash patterns and siren tones from data pulled from your vehicle's CAN system like high beams or driver side door open.

# **CODE 3** **MATRIX**

## ENABLED PRODUCTS

It has never been easier to customize your emergency system exactly how you need it.

### Z3 SIREN

Serial Siren - with push button  
(rotary controller option available)



### 21TR LIGHTBAR

(27 Series Lightbar available)



Single-, dual-, and tri-color options available

### OBD

On-Board Diagnostics



Code 3's entire catalog of products is easily integrated into the Matrix System.  
Contact your local sales representative for more information.

## CONNECT WITH US



© 2018 Code 3 Inc. All rights reserved.  
MATRIXBROCHURE18 (718 - 5K)

10986 North Warson Road, St. Louis, MO 63114  
(314)426-2700 | [cs-ce@code3esg.com](mailto:cs-ce@code3esg.com)  
[www.code3esg.com](http://www.code3esg.com)