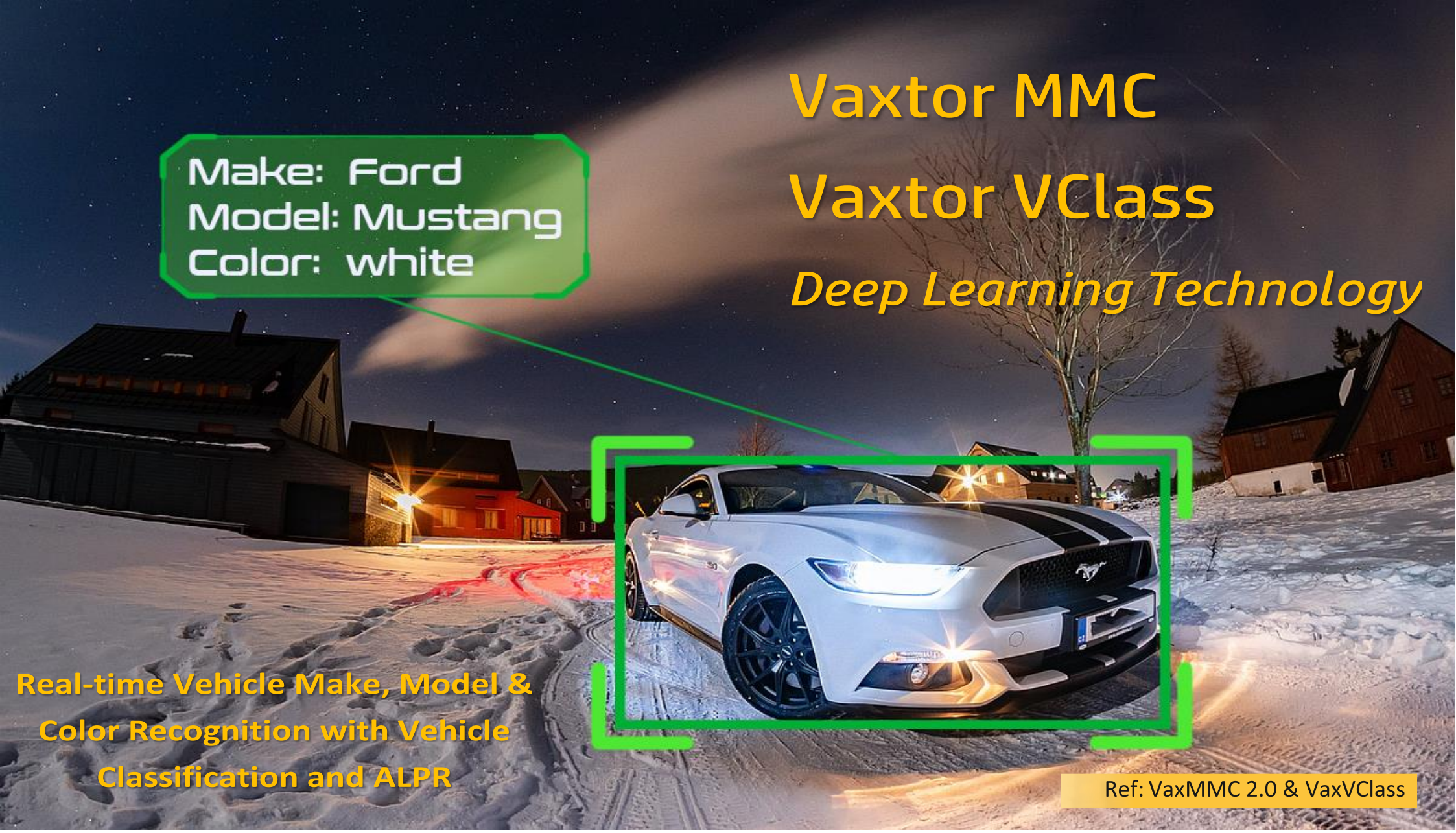
Vaxtor MMC

Vaxtor VClass

Deep Learning Technology



Real-time Vehicle Make, Model & Color Recognition with Vehicle Classification and ALPR

Ref: VaxMMC 2.0 & VaxVClass

Find out more at: www.vaxtor.com

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VAXTOR

VaxMMC runs on PCs or onboard intelligent cameras and recognises the Make, Model & Color of passing vehicles in real time. Separately available VaxVClass can run independently of MMC or alongside it, classifying each passing vehicle onto one of several types. *Both analytics are managed by VaxALPR and results from both are stored and/or reported along with the vehicle license plate and other user-definable metadata.*

VaxMMC - Vehicle Make, Model & Color

VaxMMC runs alongside VaxALPR and recognizes and reports:
- 470 international vehicle makes
- 7500 international vehicle models
- 12 colors

Results in real time with an accuracy of up to 95%

VaxVClass - Vehicle Classification

VaxVClass runs alongside VaxALPR. It is available separately or can be used in conjunction with MMC recognition.
Vehicle Types reported in real time include:
- Motorcycle, car, pickup, van, truck & bus

Camera Hardware

The software runs on PCs, portable Android devices or onboard suitable cameras from Axis, Mobotix and MAV in real time without any loss of accuracy.

Software & Camera / Object Orientation

The Deep Learning recognition modules work in conjunction with the ALPR software on several platforms reporting the vehicle's Make, Model, Color and Type in real time.
No calibration is needed and the software will automatically determine the vehicle's orientation. (Front, rear or side views)

Results Publishing in Real Time

- Data provided
  - ALPR Plate read, Make, Model, Color & Class (Type)
  - Meta data including time, date, GPS etc.
  - Vehicle Image & sub-image of the license plate
- Reporting options
  - Open, specific and RAW format
  - ONVIF protocol
  - Milestone / Genetec Analytics Events
  - XML or JSON object through HTTP POST
  - Plate code in ASCII format
  - Many other reporting options

MORE INFORMATION AT: ***www.vaxtor.com***