Active Safety and Automated Driving



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AUTONOMOUS DEMOS







THE OPPORTUNITY

Crashes / Human Errors





Aging / Disabled



Congestion / Time





DRIVING AUTOMATED

(IN NON-AUTOMATED VEHICLES!)















EARLY GM AUTOMATED VEHICLES



NOVEMBER 3, 2007: "BOSS" WINS DARPA URBAN CHALLENGE



TODAY'S TECHNOLOGIES











ELECTRONIC STABILITY CONTROL





CADILLAC DRIVER ASSIST

ATS XTS SRX CTS

Sensor Fusion

System















NEXT STEP: SUPERCRUISE





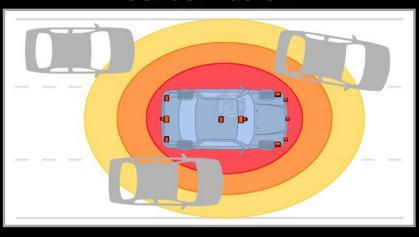


INTEGRATED SYSTEMS APPROACH

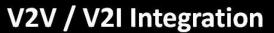
360° Sensing



Sensor Fusion



Maps / GPS

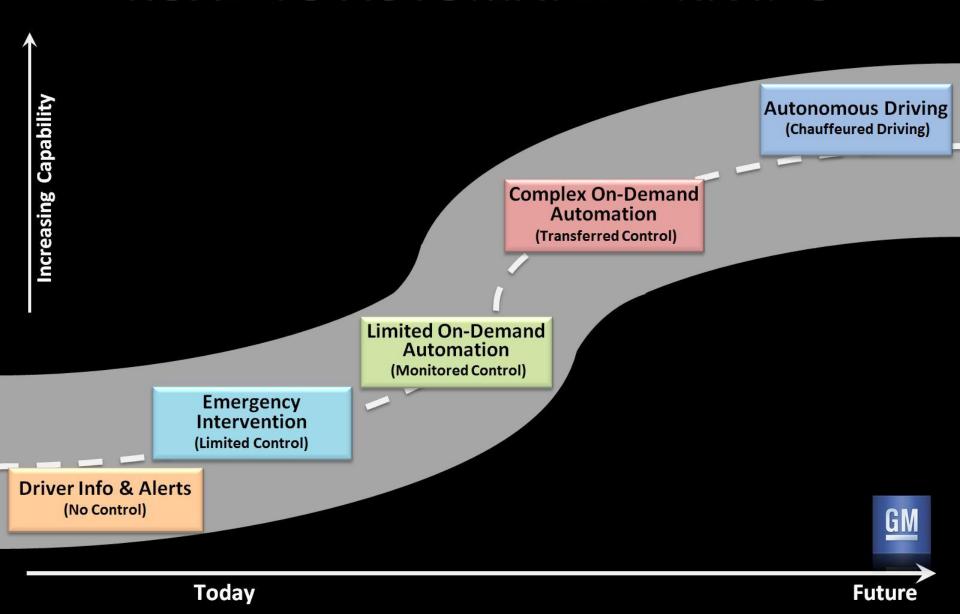




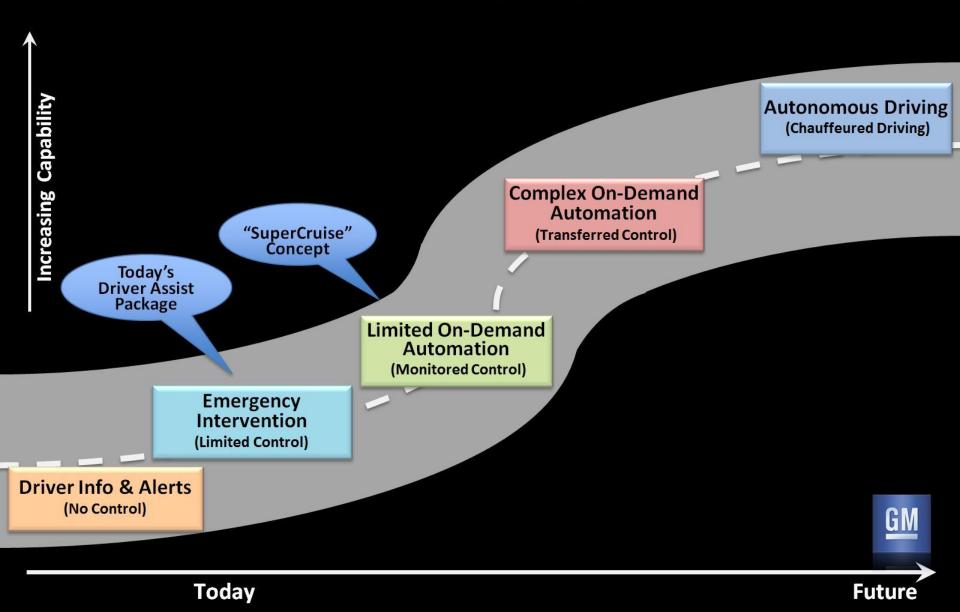




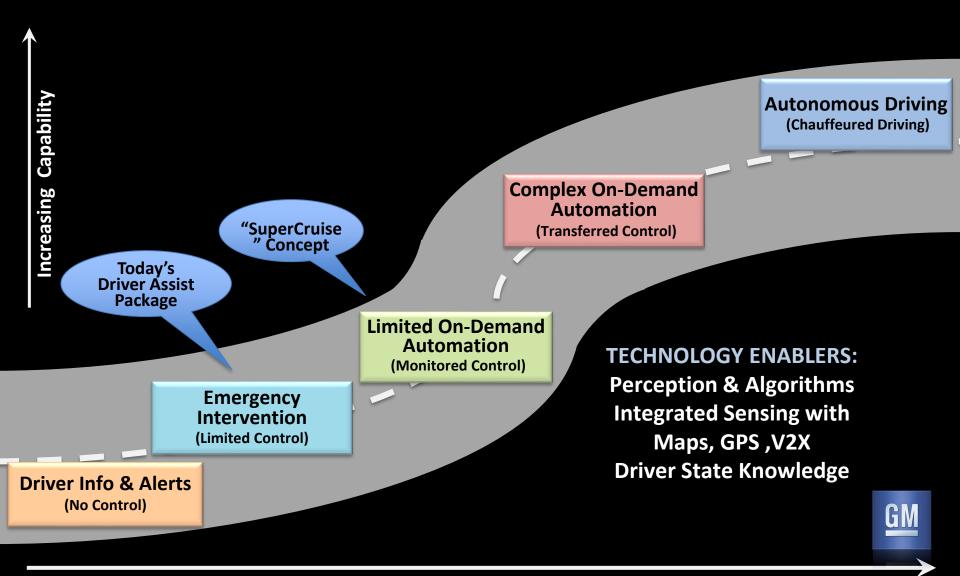
ROAD TO AUTOMATED DRIVING



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Today

Future



THANK YOU

