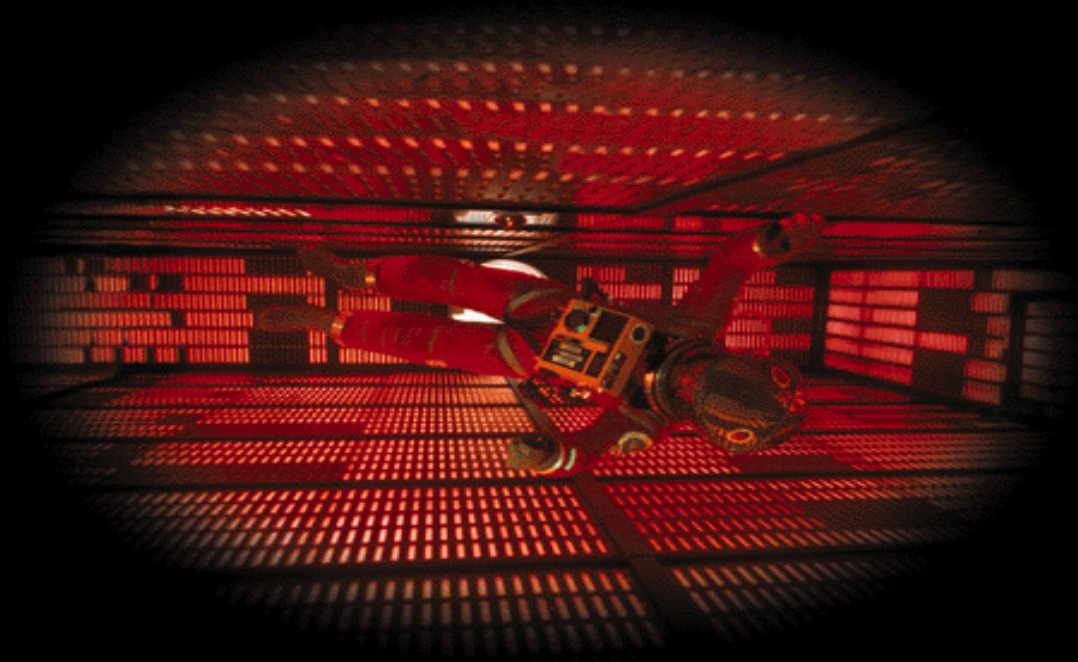




GPU

TECHNOLOGY
CONFERENCE

EMERGING COMPANIES SUMMIT



COMPUTER VISION

Who's watching YOU super star?

Basic Computer Vision

Operating
System

User
Interface
(if Applicable)

Sensor

Filters and front-
end processor

Decoders and
processors

Translators and
display drivers

Display
Actuator

Where the light (reflected or direct) is detected

Filters discriminate wanted from unwanted (noise) signals, and do first order signal enhancement

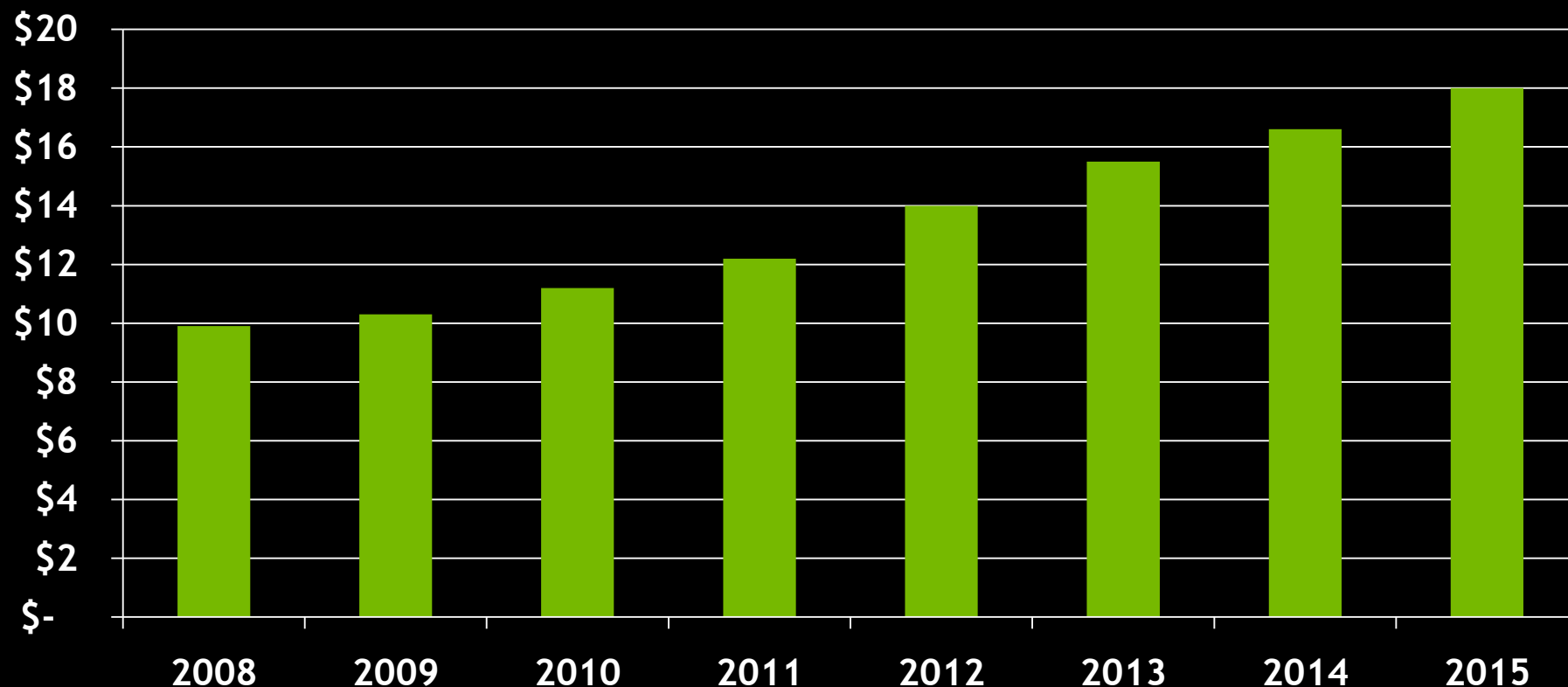
If needed, decoding of the signals is done here, and then image manipulation and analysis is done

The final results are translated from raw digital to display standards, and converted into signals for the display standard

Display and/or servo or other machine actuator

The Market

Computer Vision (\$B)



Computer Vision is Everywhere

