



Kyiv
International
Economic
Forum

Steve Guggenheimer, Corporate VP



AI innovation at Microsoft

Steve Guggenheimer
Corporate Vice President
Microsoft

 @stevenguggs



Building blocks for the future



Mixed reality



Quantum computing



Artificial intelligence



Blockchain

AI drivers

Cloud



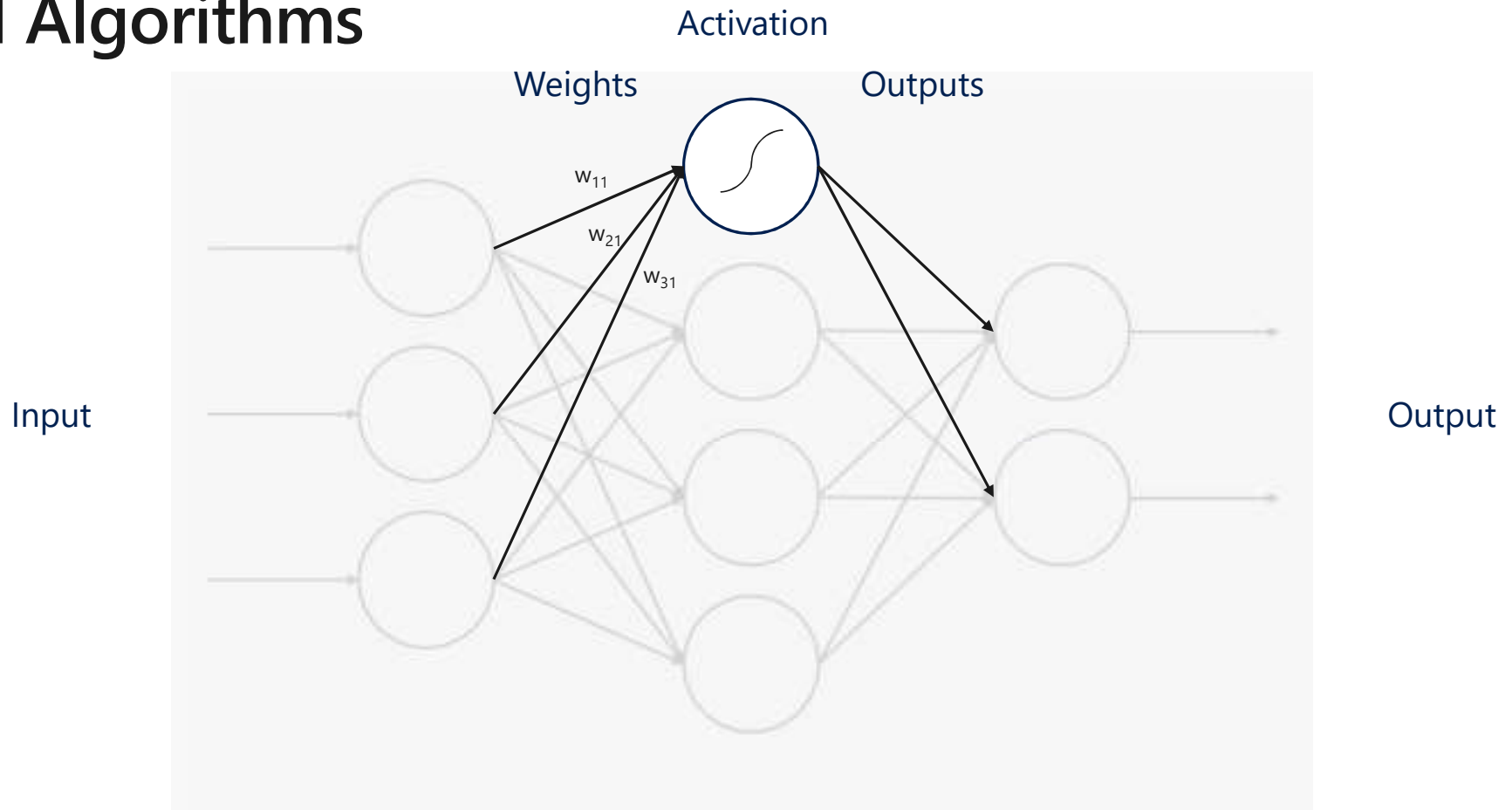
Data



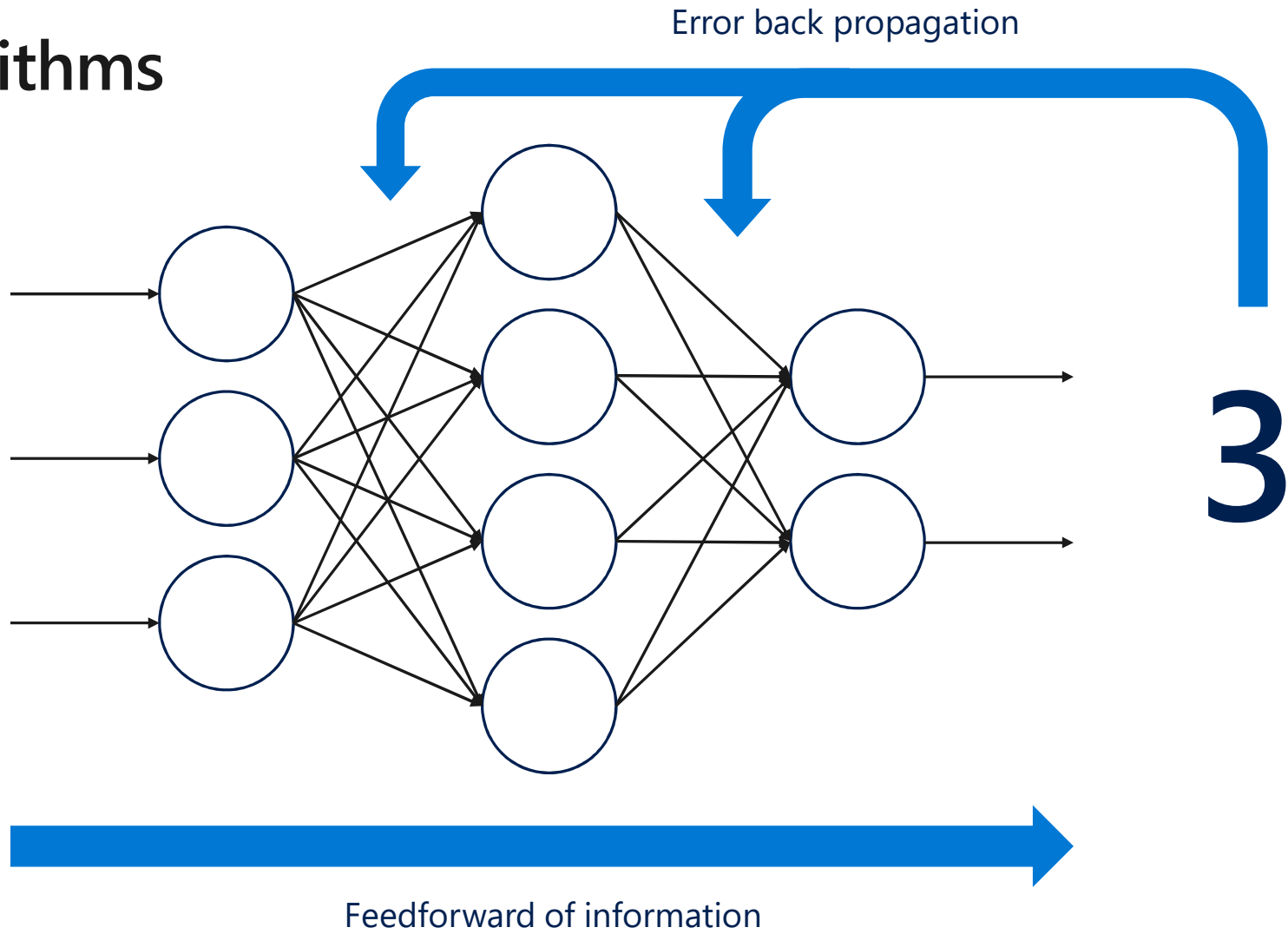
Algorithms



AI Algorithms



AI Algorithms



Microsoft AI breakthroughs

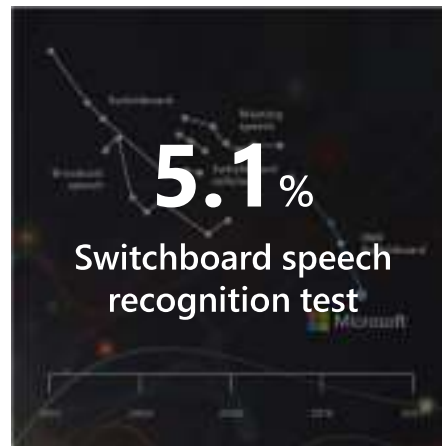
Vision



2016

Object recognition
Human parity

Speech



2017

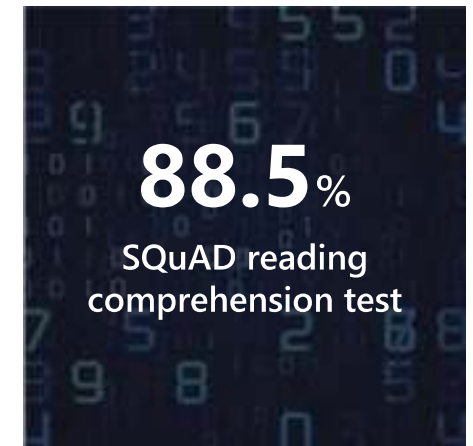
Speech recognition
Human parity



March 2018

Machine translation
Human parity

Language



January 2018

Machine reading comprehension
Human parity

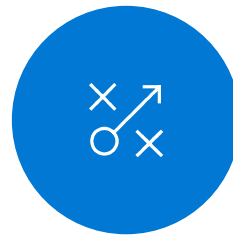
Microsoft AI investment areas



AI platform



Infusing AI



Business solutions

Patterns for AI solutions

New generation of business agents

B2B, B2C, B2E



Person, object, and activity detection

Retail, manufacturing, security



AI assisted professionals

Marketing, legal, financial



Knowledge mining

Documents, video



Autonomous systems

Vehicles, networks, RPA





Opportunity



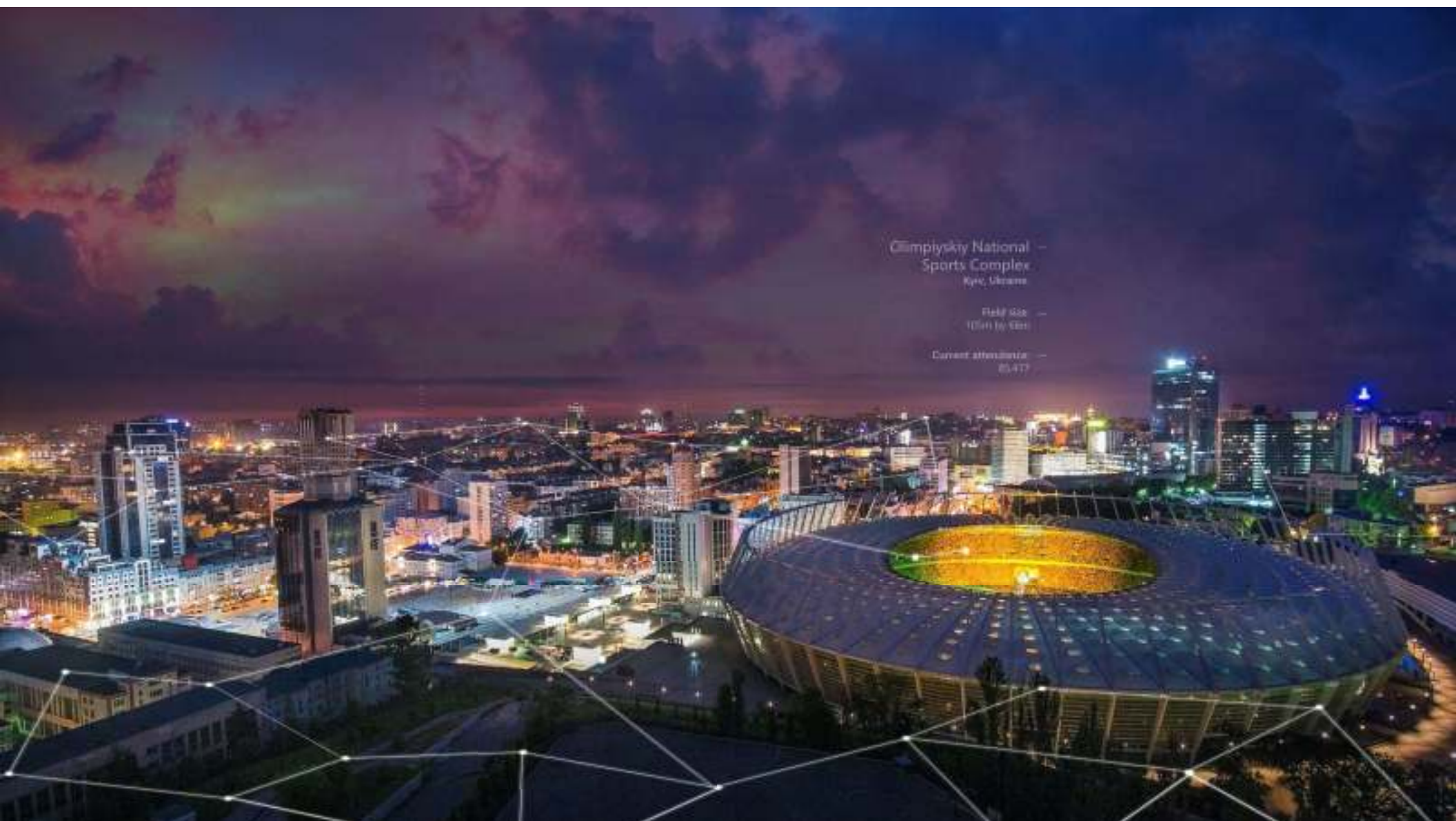




Standard of Safety: High level of safety and security is maintained throughout the procedure.

Intensive Post-operative and Structured inpatient care. The patient is monitored by the medical staff throughout the recovery period.

EP-01010
Step 2 of 1: 4 hours remaining
Primary incision made



Olimpiyskiy National
Sports Complex
Kyiv, Ukraine

Field size:
105m by 68m

Current attendance:
85,477



Due for maintenance
02/14/2028

Field is now open for the year. Performance is being monitored
to the maximum of the field. Performance is being monitored
to the maximum of the field.



Running at 88% capacity
Automated system engaged
24-hour motor function



NITROGEN
19ppm

Recommendation:
25ppm

MOISTURE

+3%RH

TEMPERATURE

45%
MOISTURE

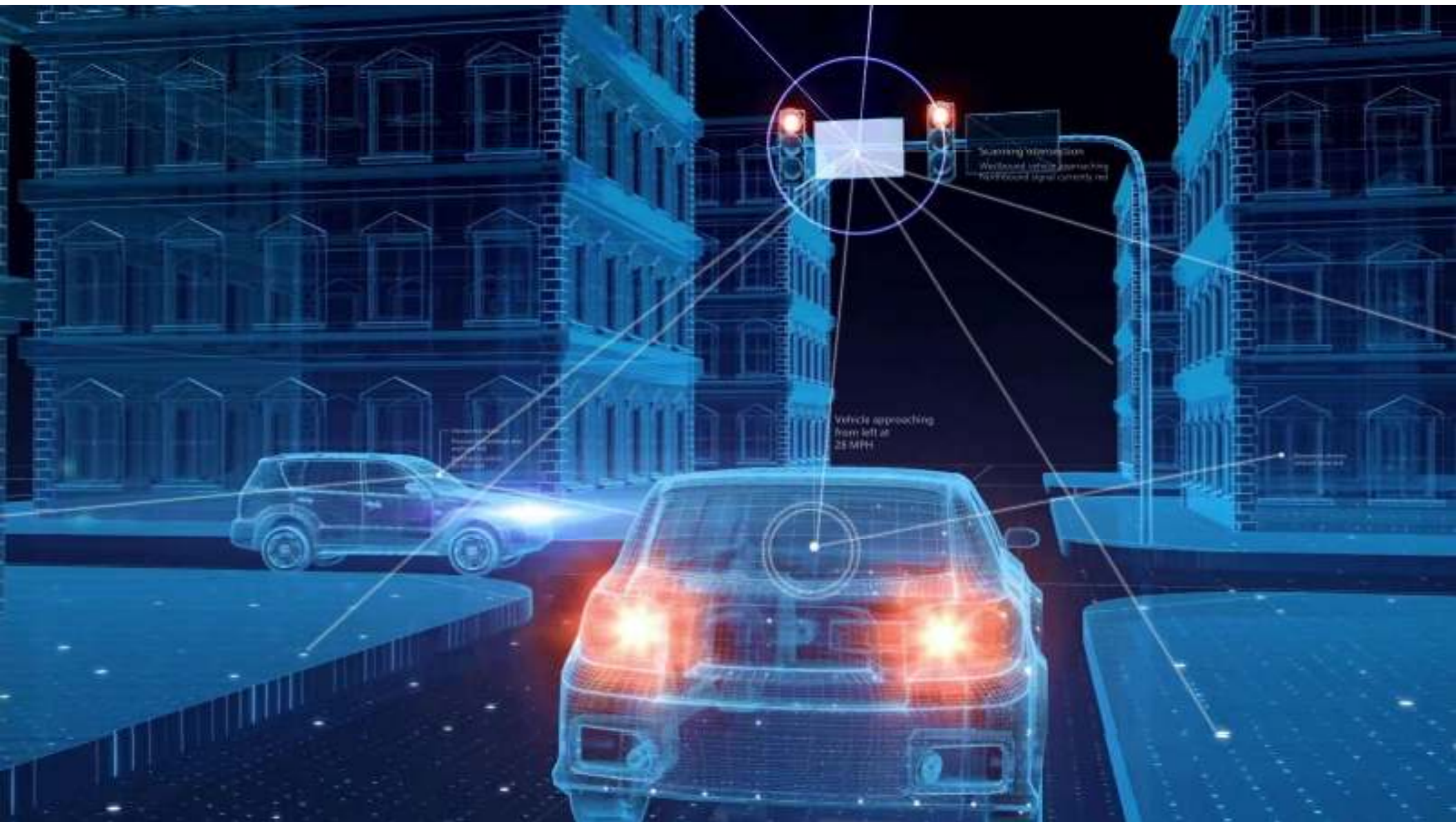
56%
TEMPERATURE





Secure banking camera enabled.

2:00PM meeting alarm activated.



Scanning Intersection
Wireless vehicle-to-vehicle
communication

Vehicle approaching
from left at
25 MPH

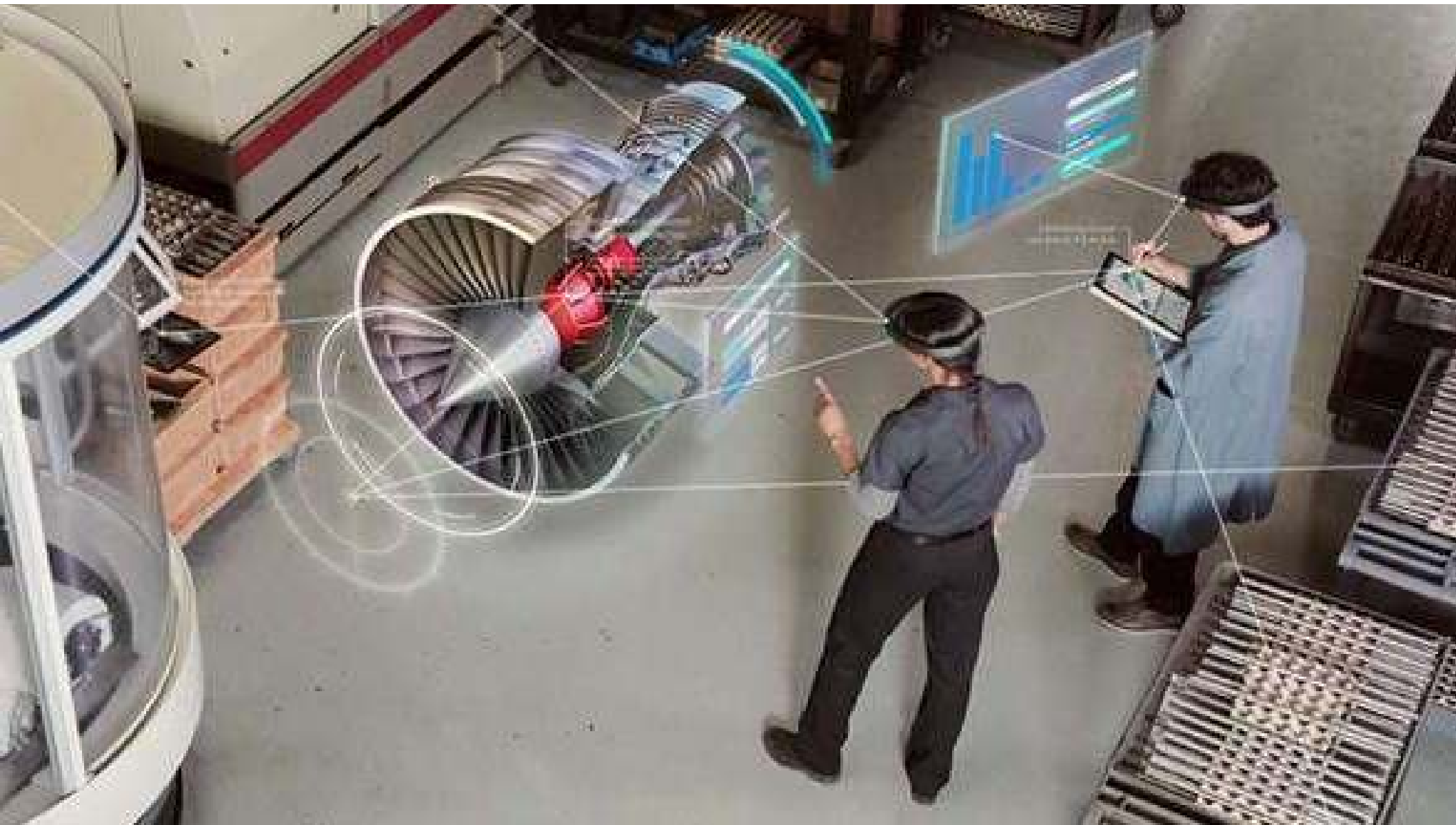


Control all smart appliances with the central touchscreen panel

8:20 PM
Greeter with the FlexCook
Roast beef, asparagus, potatoes

10:00 AM
Time noticed for automatic

Lighting automatically
adjusts to the time of day
and the amount of light
needed for the space.





Opportunity & Responsibility



Ethical AI

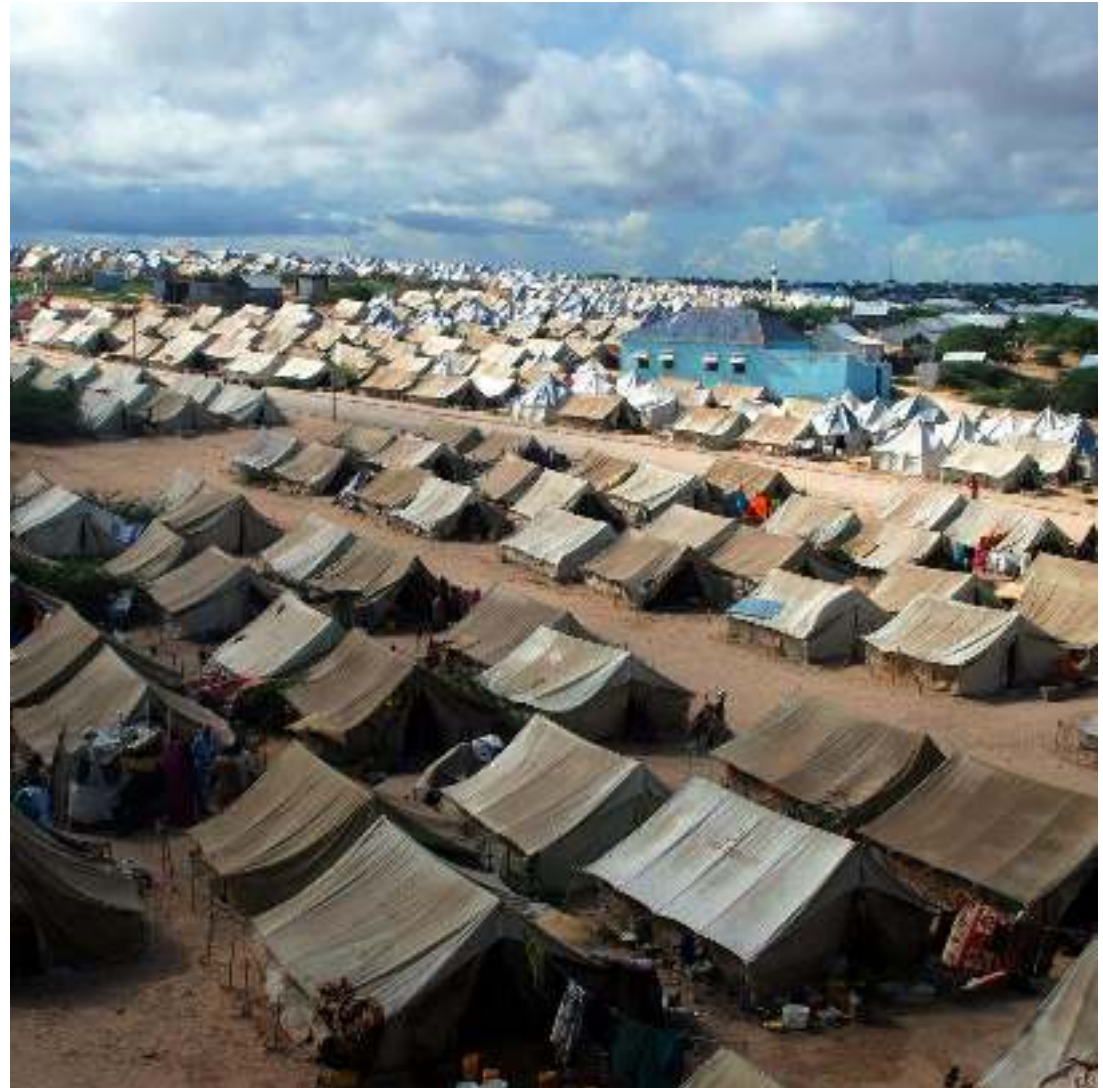


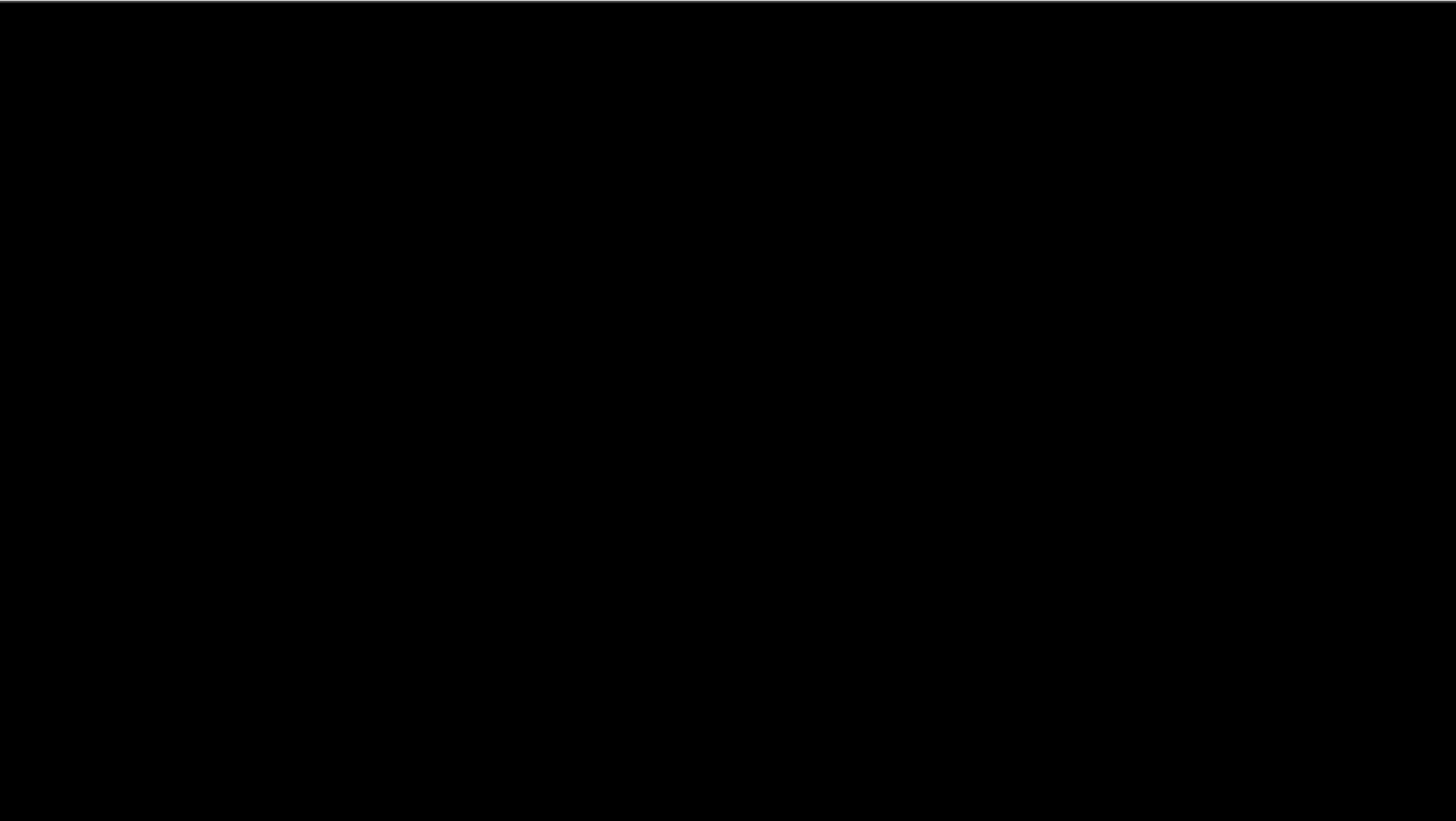
AI for Earth
AI for Accessibility
AI for Humanitarian Action



Privacy

AI for Humanitarian Action





Learn more

<http://microsoft.com/ai>

