

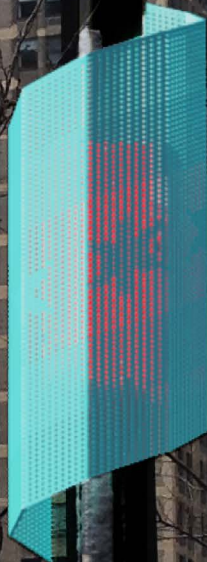
THE CITY OF CHICAGO TECHNOLOGY PLAN

Initiative

3

Implement policies and infrastructure to allow for urban technology experimentation
 The City will implement policies and basic infrastructure that make Chicago friendly to technology experimentation, allowing Chicago to become a global leader in environmental sensing, spectrum research, and wireless connectivity, while enabling researchers to develop solutions to city problems.

#Jobs #Savings #Services #STEM



A DEPLOYABLE PLATFORM FOR URBAN SENSING IN THE FORM OF LIGHT EMITTING SENSOR ENCLOSURES ATTACHED TO EXISTING INFRASTRUCTURE. COMBINING ENVIRONMENTAL SENSORS TO MONITOR URBAN CONDITIONS COMBINED WITH LOCAL LIGHT MODULATION AND WIRELESSLY UPLOADED OPEN DATA TO ENABLE RESEARCH AND PROVIDE NEW INTERACTIONS. DEPLOYED IN NEIGHBORHOODS AND COMMUNITIES, EACH NODE CAN TRANSMIT INFORMATION ABOUT ENVIRONMENTAL CONDITIONS, SAFETY AND COMMUNITY.

AS PART OF THE CUSTOMIZATION OF THE ENCLOSURE SLEEVE, ARRAY OF THINGS PRESENTS AN OPPORTUNITY TO DIRECTLY ENGAGE COMMUNITIES AND GROUPS IN THE DESIGN OF THE NODES FOR THEIR AREA. BY CHOOSING COLORS AND DESIGNING PROFILES, THE FORM OF THE ENCLOSURE CAN MATCH HISTORIC CHARACTER OR REFLECT THE SPIRIT OF A NEIGHBORHOOD OR CAMPUS.

EXAMPLE:
 USING AIR QUALITY SENSORS TO ALERT PEOPLE TO LOCAL ENVIRONMENTAL CONDITIONS

