

# Selecting Leading Competencies

[www.ipamc.org](http://www.ipamc.org)

## Benefits

- ❖ A more competent workforce
- ❖ Employee awareness towards duties and contribution towards organization goals and objectives
- ❖ Retention rate increases and cost of recruitment drops
- ❖ Happier and more engaged employees
- ❖ Can identify people who are not performing and offer them support to improve or move.

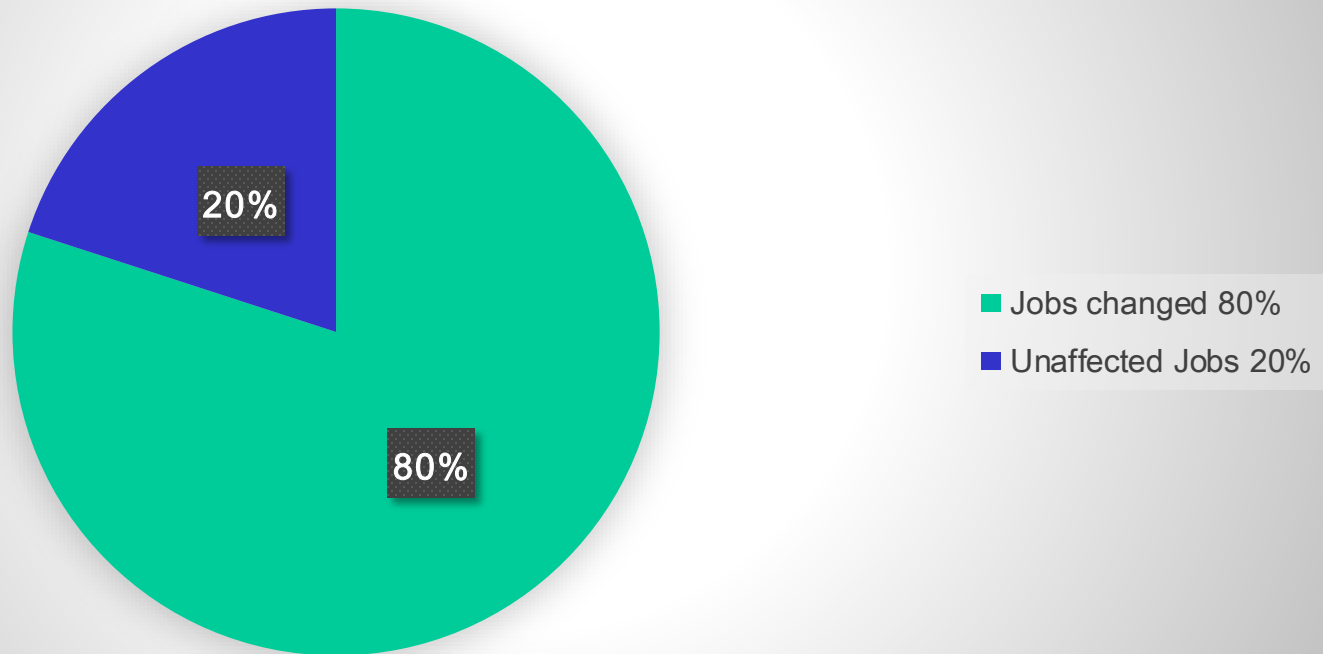
## Fear

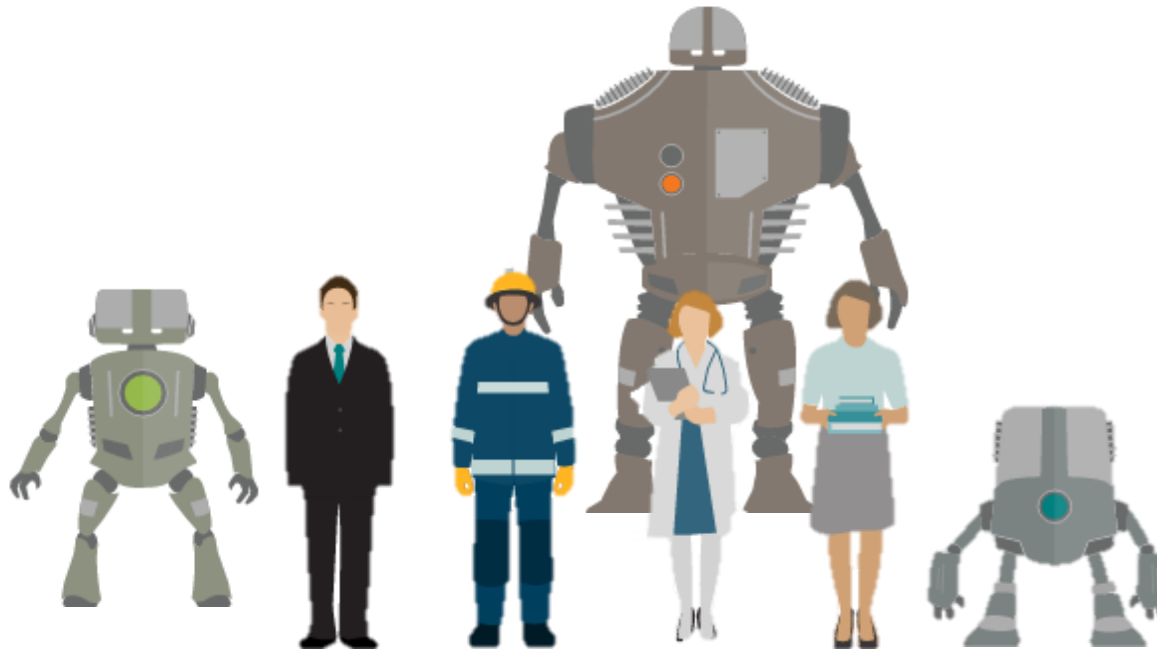
- ❖ Losing our jobs
- ❖ Insufficient revenue
- ❖ Lack of resources
- ❖ Insufficient talent pool

## Greed

- ❖ Promotions
- ❖ Higher education
- ❖ Give back to society
- ❖ Be the best

## Engineering occupations in West (+10 Years)



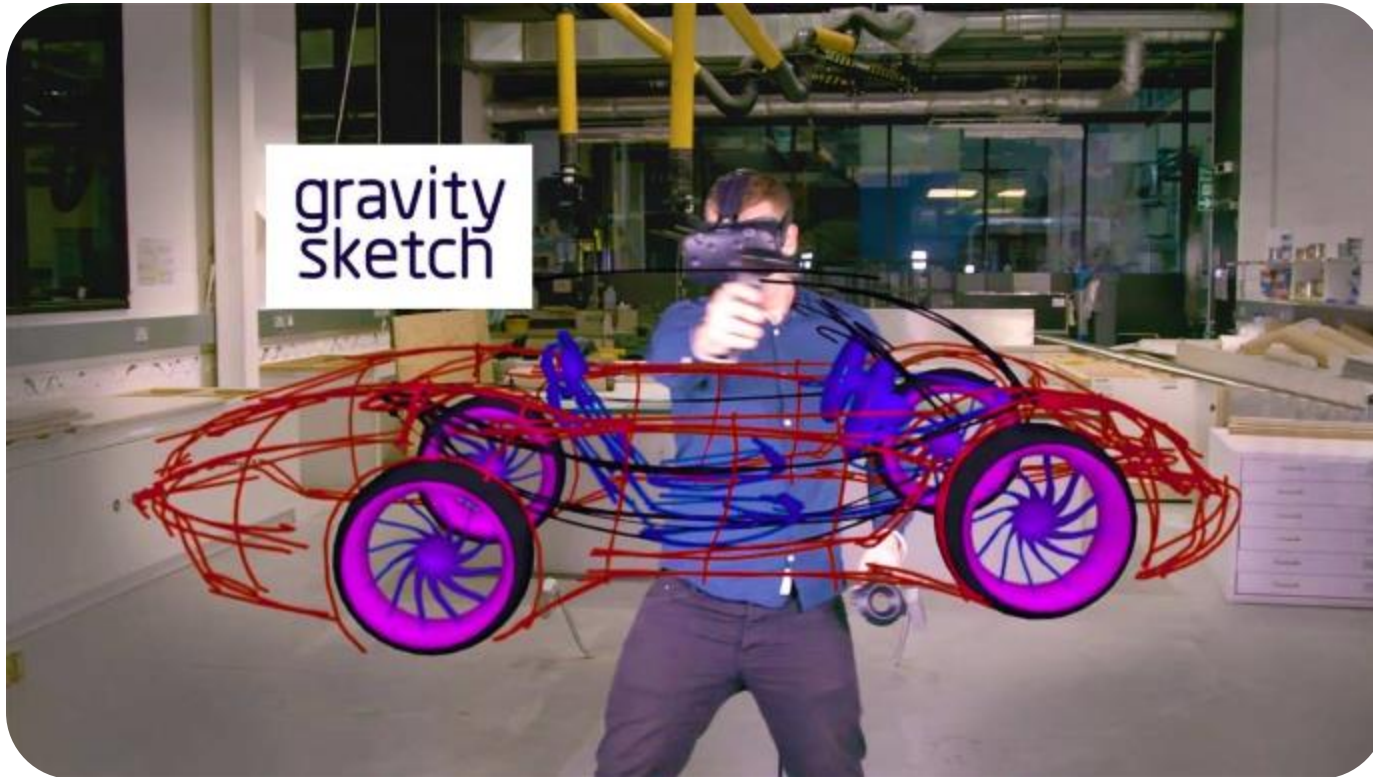




# Disruptors



# 1. Smart Software/Applications



[www.ipamc.org](http://www.ipamc.org)

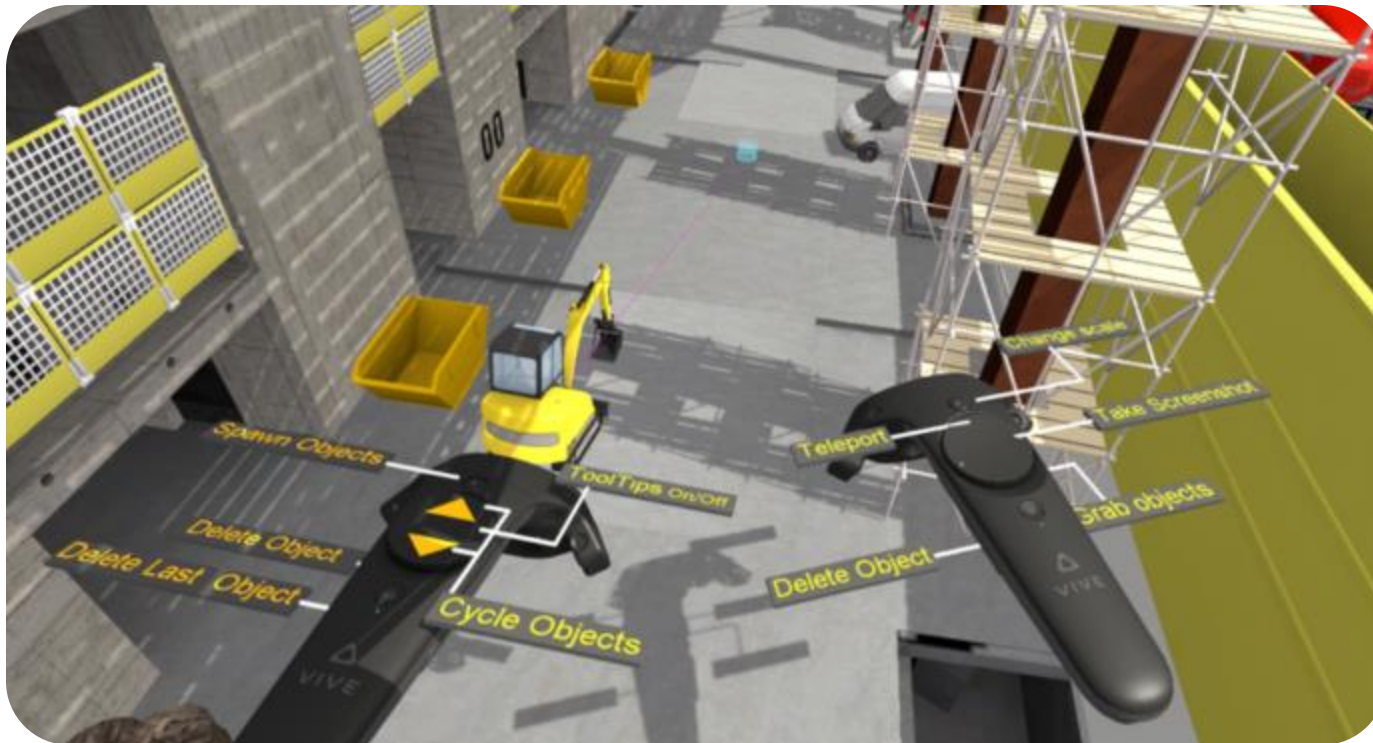


## 2. Artificial Intelligence



[www.ipamc.org](http://www.ipamc.org)

## 3. Virtual Reality



[www.ipamc.org](http://www.ipamc.org)

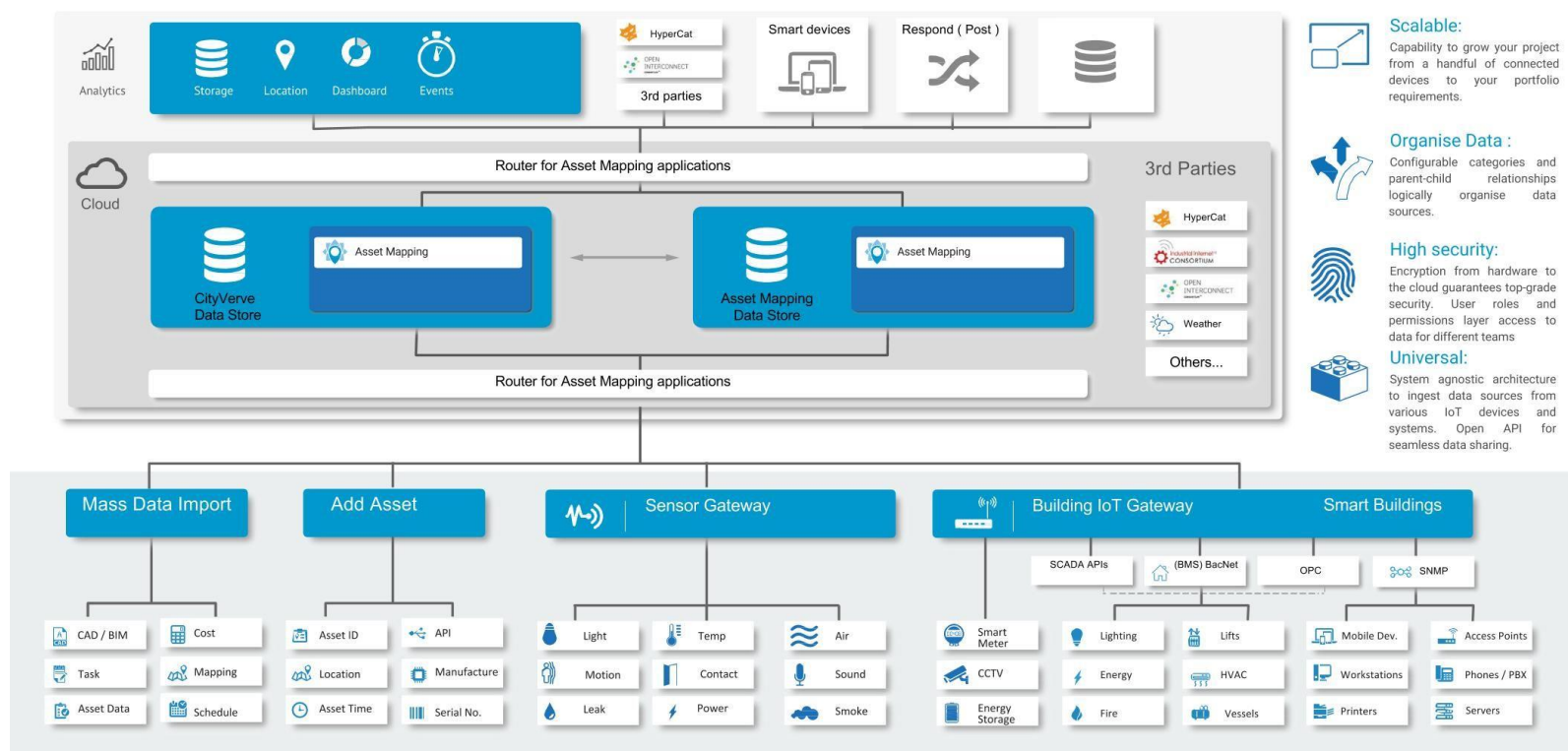
## 4. Robotic Hardware



[www.ipamc.org](http://www.ipamc.org)

# 5. IoT/IoE

## Asset Mapping Technical Architecture



[www.ipamc.org](http://www.ipamc.org)



# Opportunities & Threats



[www.ipamc.org](http://www.ipamc.org)

# Moore's Law



[www.ipamc.org](http://www.ipamc.org)

# Securing your future job

- ❖ Equip yourself with competencies before the necessities for them arrive
- ❖ Forecast what competencies are likely to become necessary
- ❖ Have leading indicators
- ❖ Focus on developing competencies required for the future



Thank you

[www.ipamc.org](http://www.ipamc.org)