

YOUTH SHOWCASE

EIGHT TRENDS POISED TO DOMINATE **CONSTRUCTION TECHNOLOGY** SPACE**1. DATA ECOSYSTEM**

A good part of data in the construction industry actually thrown away – over 90% of it! Real-time collaboration of data through construction software and a creation of data ecosystem is the new mantra. This data ecosystem is expected to act as the digital backbone for the construction processes.

2. BUILDING INFORMATION MODELING

BIM technology is rapidly taking over and is being extensively taken up by the academia. It is poised to be the catalyst for a fundamental overhaul of construction processes such as designing, developing, and managing a construction project.

3. STANDARDIZED PROCESSES

The implementation of modular construction by making use of the standardized processes is helping leaders to cut down the costs and lead times significantly. Off-site assembling before completing the on-site construction project is one such example of standardizing processes.

4. DRONES ARE HERE !

The use of drones in the construction technology space has become the common norm. As drone technology continues to grow rapidly, it is getting more accurate, precise, and providing higher yields! As per reports, the drone industry is expected to see a rise from \$2 billion to \$10 billion in the next 10 years

5. ROBOTICS

Like any other industry, robotics are all set to take over and will soon become a commanding force in the construction technology space. The industrial robotics market is gradually headed towards its prime and the year 2019 should see a great deal of it.

6. ITS ALL IN THE CLOUD

The future of technology is in the cloud! Leader and managers can leverage the cloud technology using their mobile devices at any time and anywhere. This is the tool that allows project managers to remain competitive and be aware of live status and data at real time.

7. AUGMENTED REALITY

There is a significant trend shift from primitive techniques to modern techniques and one such gift of the transition is the use of augmented reality in the construction technology space. There are reports which estimate the AR market to increase by \$90 billion by the end of the year 2020.

8. WEARABLE TECHNOLOGY

We must expect the use of wearable technology to rise in a similar fashion. Products like smart helmets, etc are not only poised to boost on-site safety, but also help in efficiently monitoring the project progress.

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