

Digital Construction & Digital Cities: Advancing the Next-Gen Geospatial Content Platform



Smart Construction



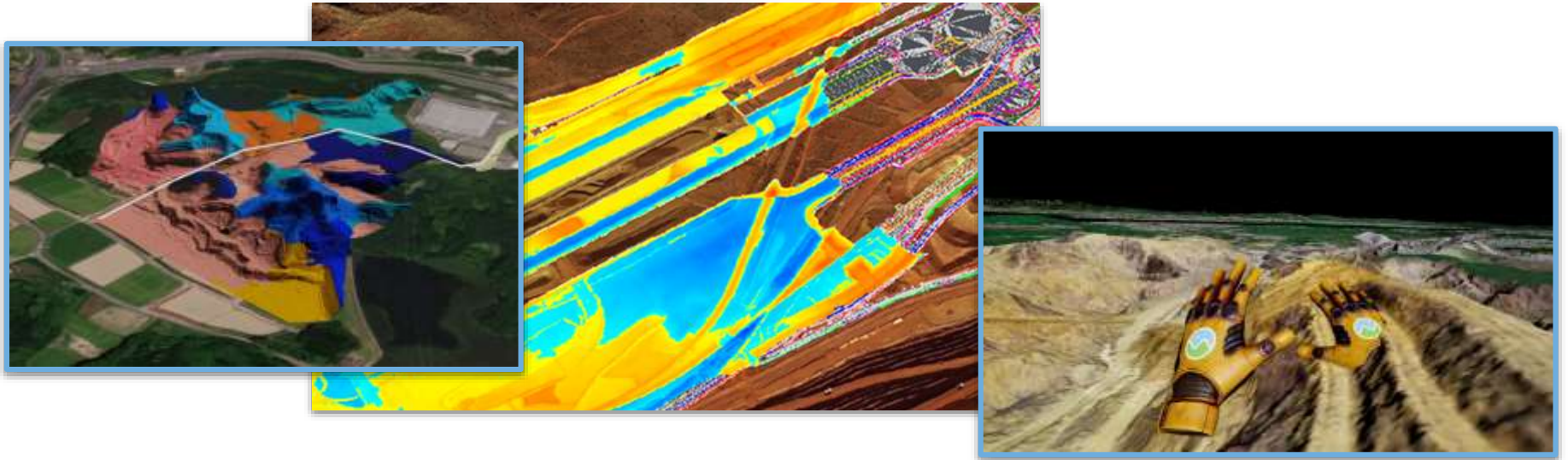
KOMATSU



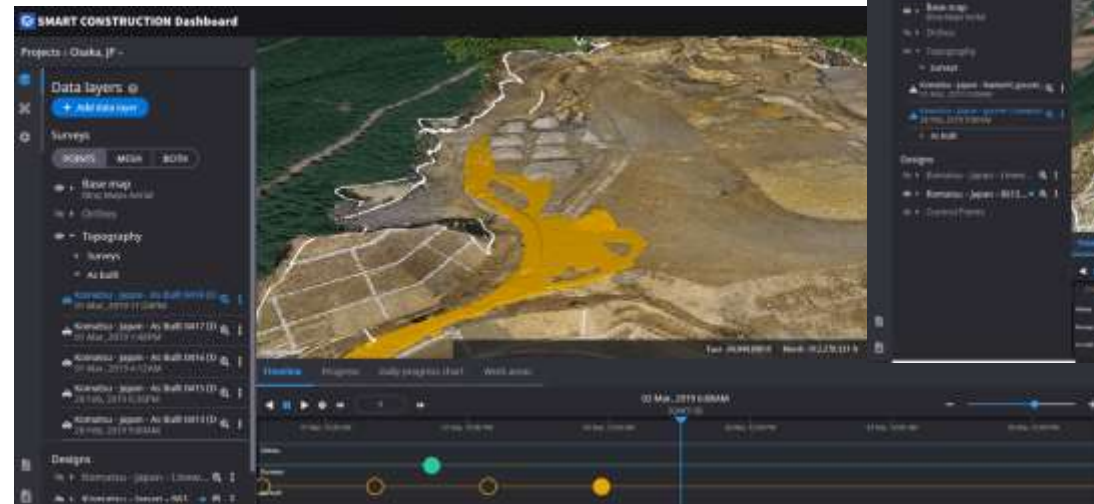
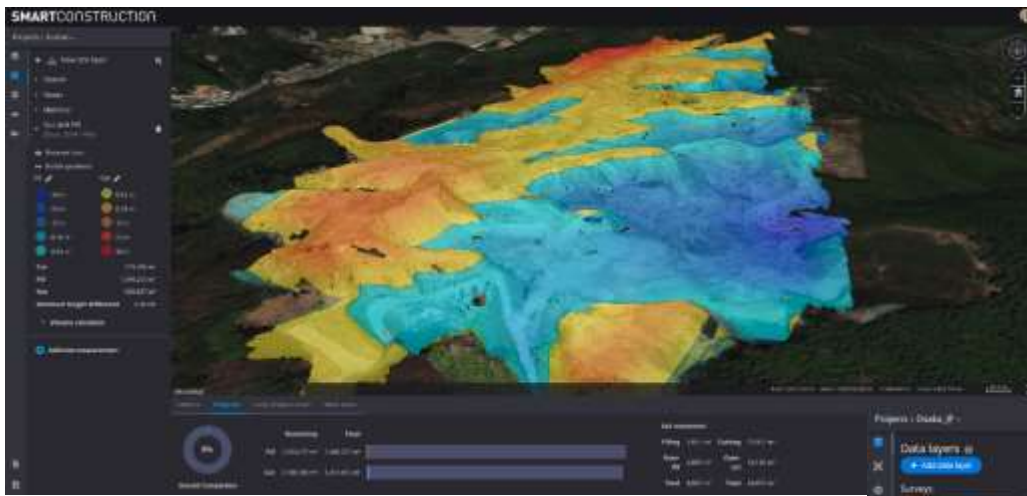
CESIUM

Smart Construction Solutions

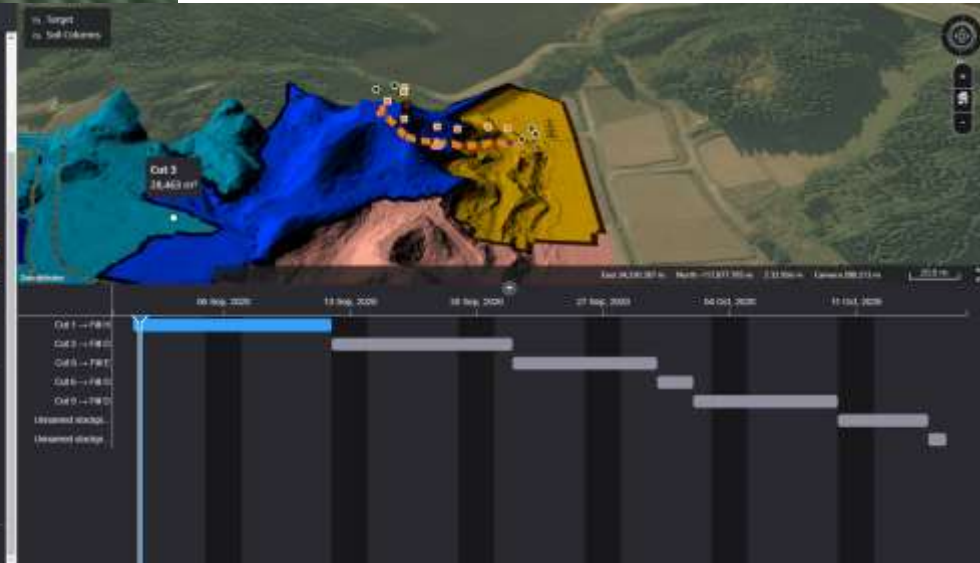
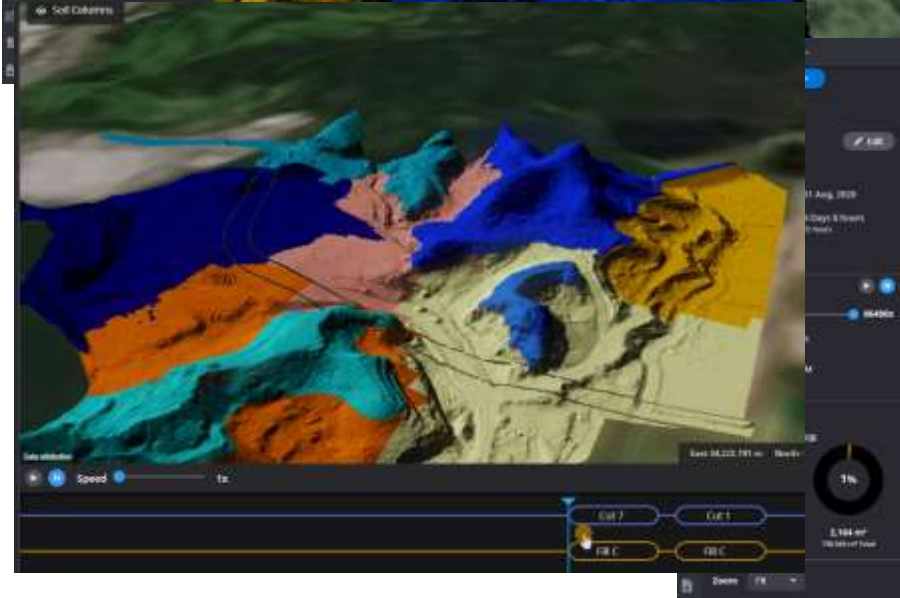
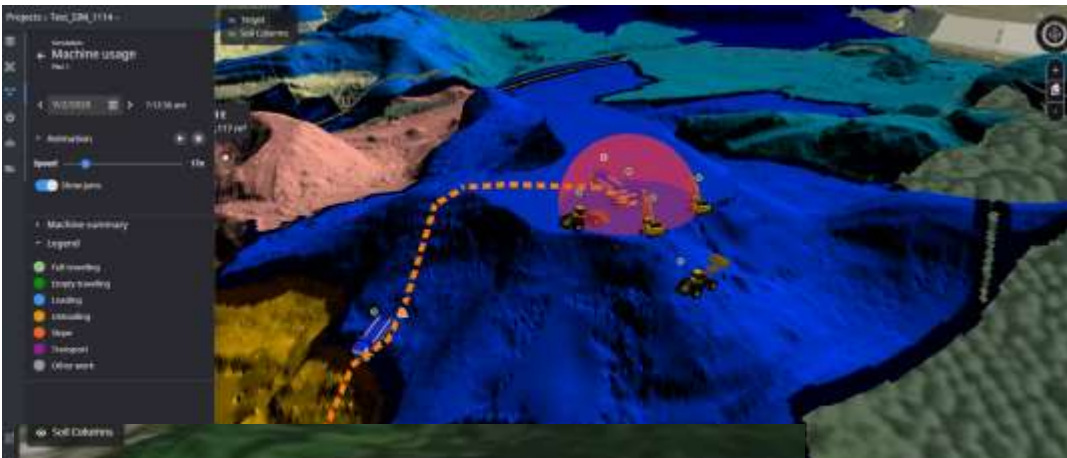
- Cesium partnering with Komatsu to help craft a Metaverse for Smart Construction
- **SC Dashboard**: Provides integrated operational view of jobsites
- **SC Simulation**: Jobsite planning, scheduling and visualization
- **VR Dashboard**: Offsite management and visualization with Cesium for Unreal



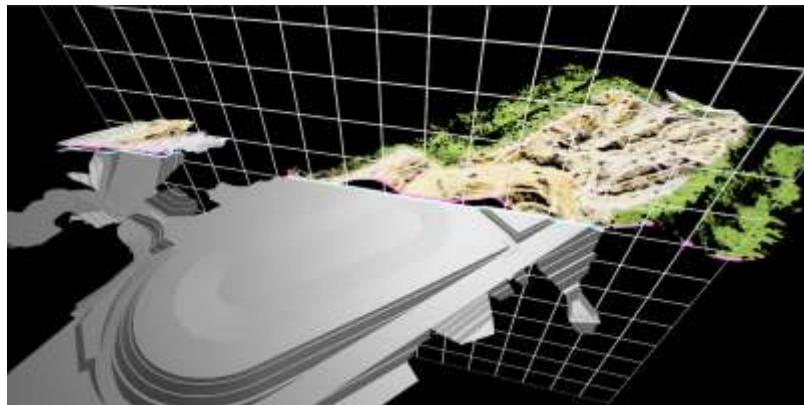
SC Dashboard



SC Simulation



VR Dashboard



Twin Motion Example





**We are adding 80M+ people to the planet
each year.**



More than 75% of this much larger population will live in urbanized areas by 2050.



Next-Gen geospatial platforms for managing the full lifecycle of city development will be required.



Investing in digital construction will ensure that we have the Digital Twins that we know we need.



**There are already standards from OGC
and Khronos Group that enable such
Next-Gen geospatial platforms.**



And, beyond standards, there are massively scalable software platforms available to make this real today.



**The Metaverse for smart
construction and city management
will change how we create and run
cities.**



**For more on Smart Construction
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