Kvaliteetsete andmetega paremate tulemusteni

Ekke Piirisild

Construction Industry Readiness Specialist
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Safe Harbor Statement

Each of the presentations today will contain forward-looking statements about our strategies, products, future results, performance or achievements, financial, operational and otherwise, including statements about our strategic priorities, business model transition, and guidance for the first fiscal quarter and fiscal year 2020; our long term financial and operational goals; our M&A strategy; our capital allocation initiatives; and our stock repurchase program. These statements reflect management's current expectations, estimates and assumptions based on the information currently available to us. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in these presentations, such as a failure to maintain ARR, ARPS, subscriptions, billings, revenue, deferred revenue, margins and cash flow growth; difficulty in predicting those financial and performance metrics; failure to maintain spend management; failure to successfully integrate acquisitions and manage transitions to new business models and markets, including our efforts to expand in construction and manufacturing, and attract customers to our cloud-based offerings; failure to successfully expand adoption of our products; and negative developments in worldwide economic or political conditions.

A discussion of factors that may affect future results is contained in our most recent Form 10-K and Form 10-Q filings available at www.sec.gov, including descriptions of the risk factors that may impact us and the forward-looking statements made in these presentations. The forward-looking statements made in these presentations are being made as of the time and date of their live presentation. If these presentations are reviewed after the time and date of their live presentation, even if subsequently made available by us, on our website or otherwise, these presentations may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.

Non-GAAP Financial Measures

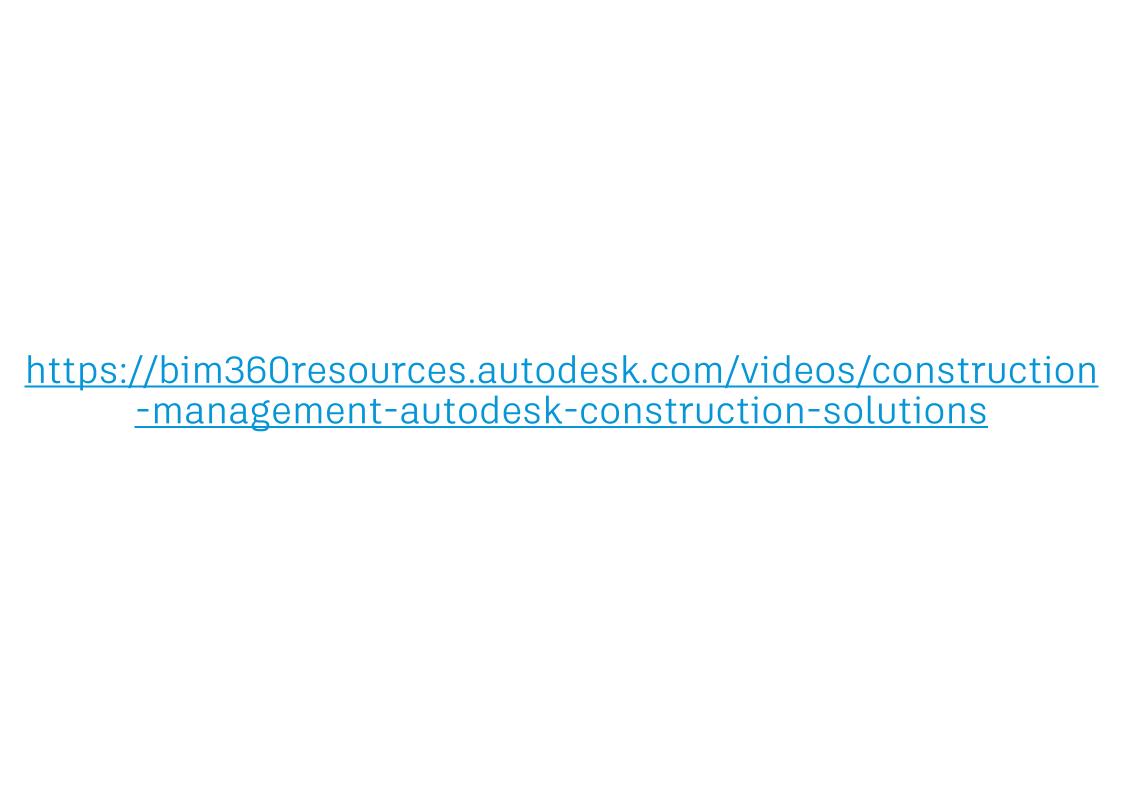
These presentations include certain non-GAAP financial measures. Please see the section entitled "Reconciliation of GAAP Financial Measures to non-GAAP Financial Measures" in the Appendices attached to the presentations for an explanation of management's use of these measures and a reconciliation of the most directly comparable GAAP financial measures.





Autodeski Strateegia Ehituses



















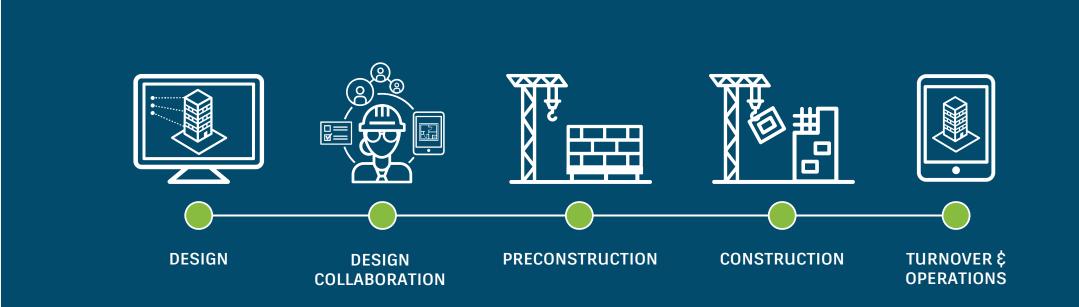


More Better Less



Autodesk Construction Solutions

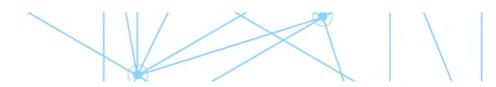
Deliver a comprehensive, integrated platform that seamlessly connects the office, the trailer, and the field.

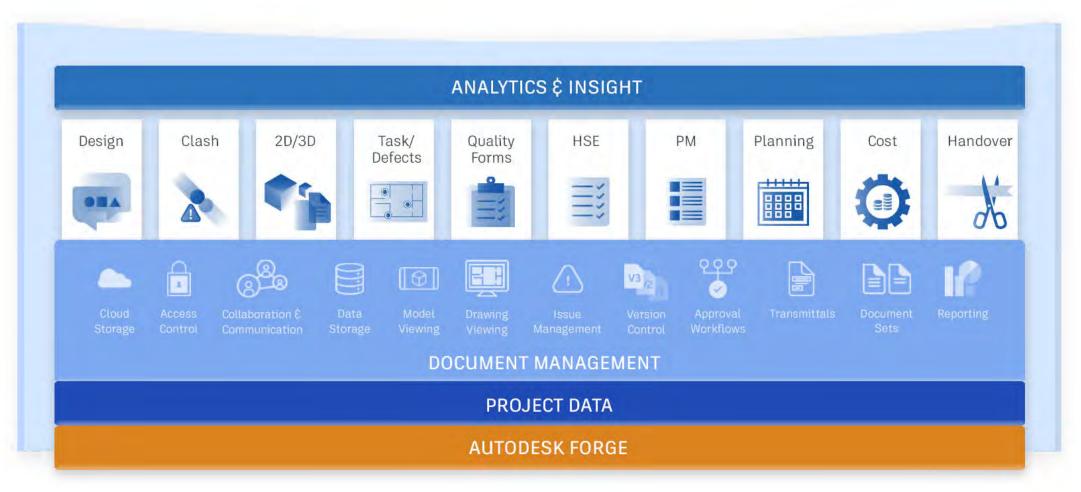






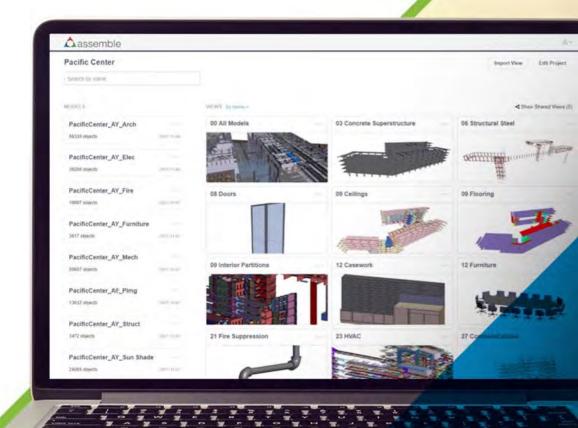
BIM 360 PLATFORM







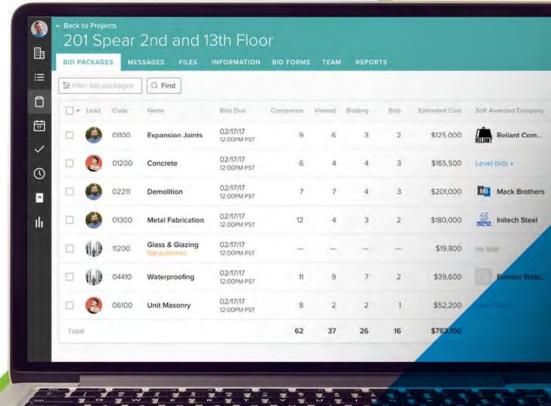






















Autodesk Portfolio in Action

"As users of BIM 360, Assemble, PlanGrid, and BuildingConnected, we have fully embraced the digitisation of construction. Using the complete portfolio, Clayco has seen a 60-70% reduction in the time it takes to access the most up to date project information, and the time that it takes to make critical project decisions."

Tomislav Zigo Vice President, Clayco Inc.













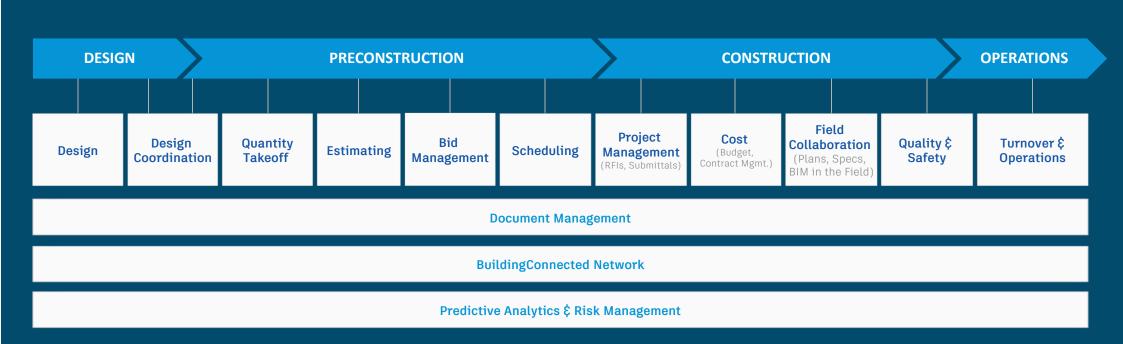
Autodesk Construction Portfolio



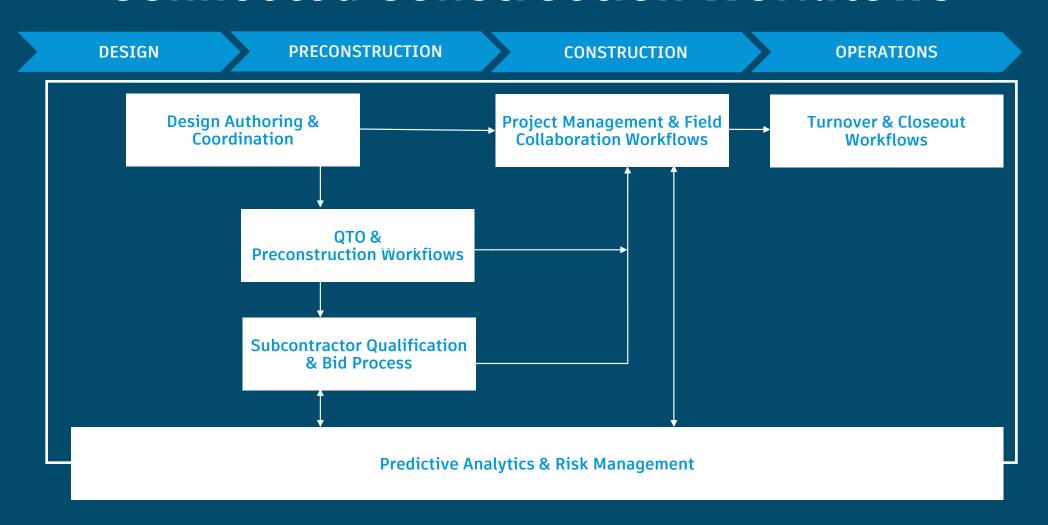


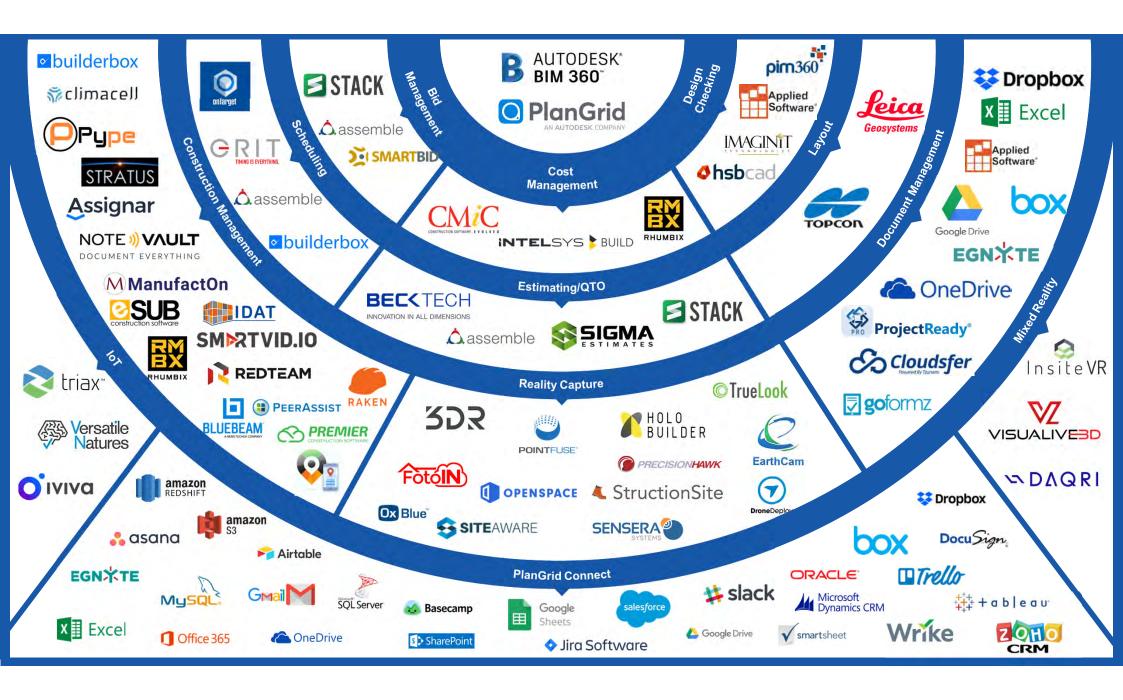






Connected Construction Workflows



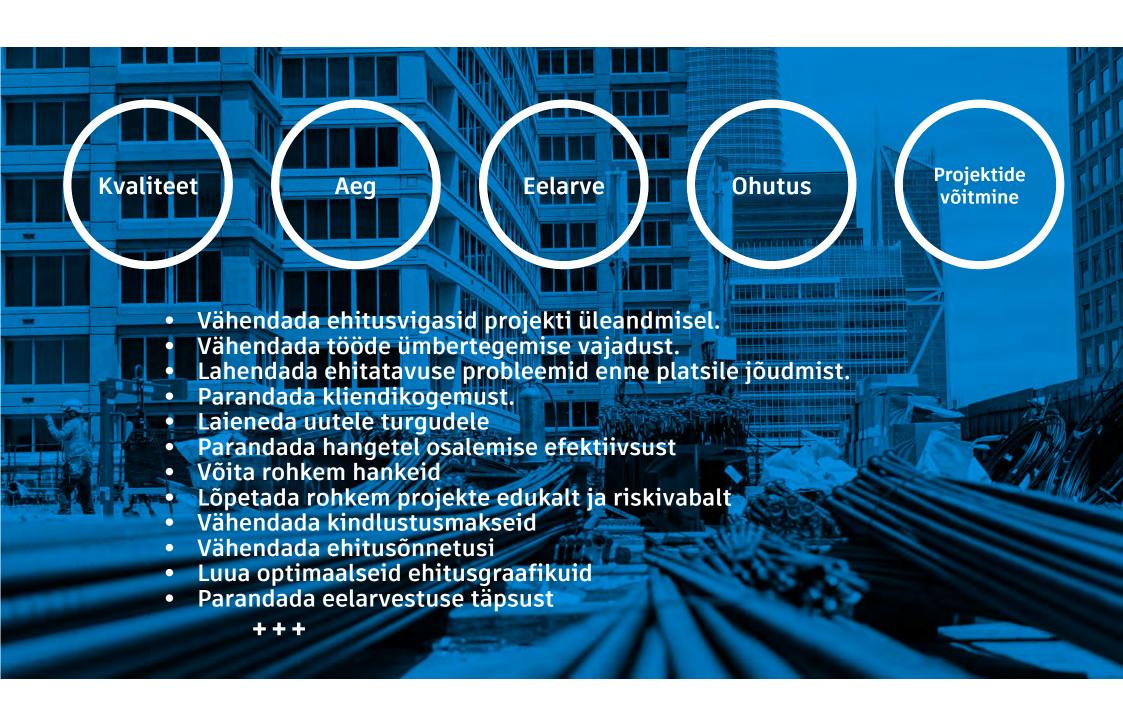


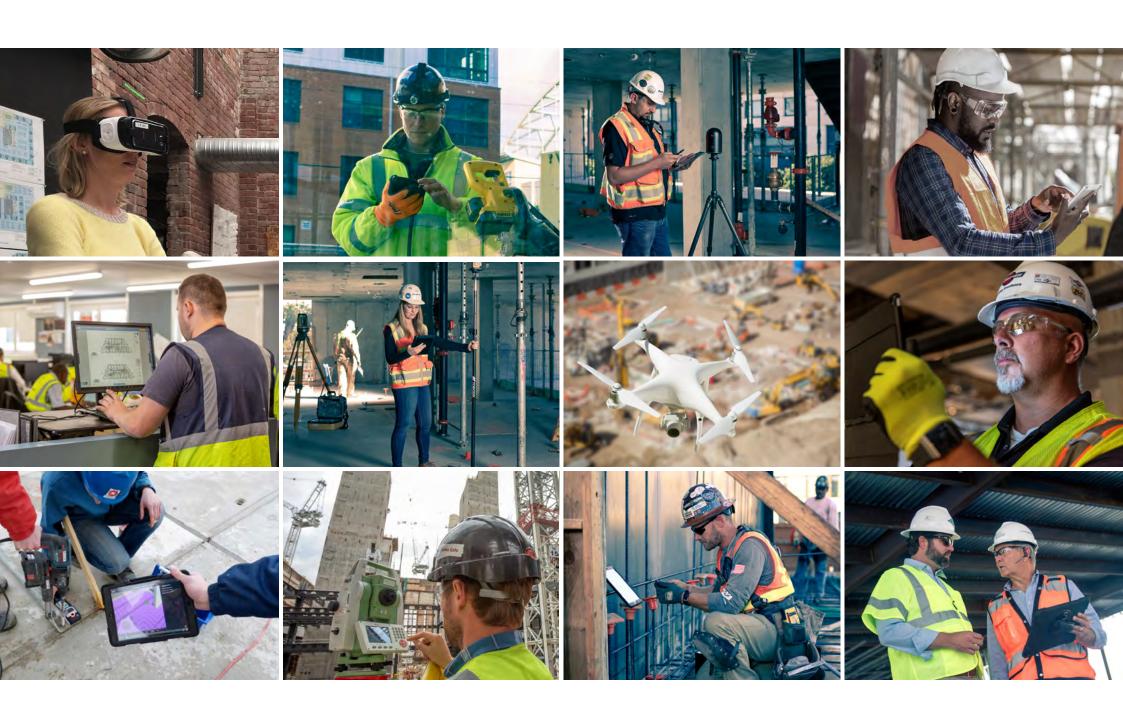
Tee paremate tulemusteni





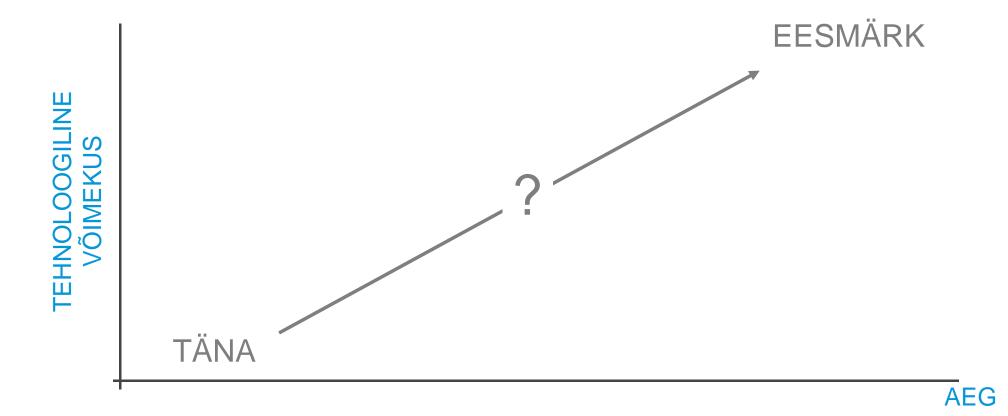






CONSTRUCTION TECH MARKET MAP





Innovatsioonitrepp

5% OF AEC INDUSTRY

Level 5 - Predictive Work Processes

- Digital Twin
- AI / ML using real-time data (IoT)
- Autonomous operations

10% OF AEC INDUSTRY

Level 4 - Integrated Work Processes

- 3D data fully integrated into work processes
- Fully integrated Advanced Work Packaging platform
- Automated data entry across all operational systems

30% OF AEC INDUSTRY

Level 3 – Standardize the Connected Worker

- Integrated models available in the field (2D +3D) but not connected workflows
- Connected field and office workflows and platforms
- Connected digital processes (Data to Information Systems)

30% OF AEC INDUSTRY

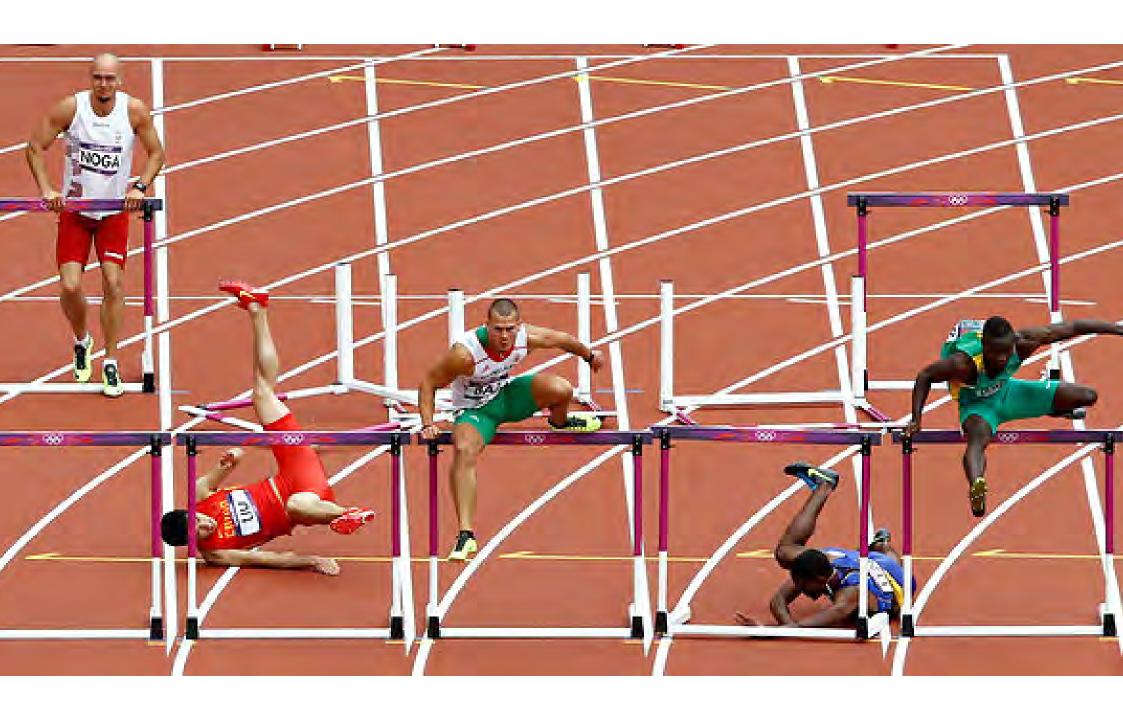
Level 2 - Digitize Workflows and Enable Field

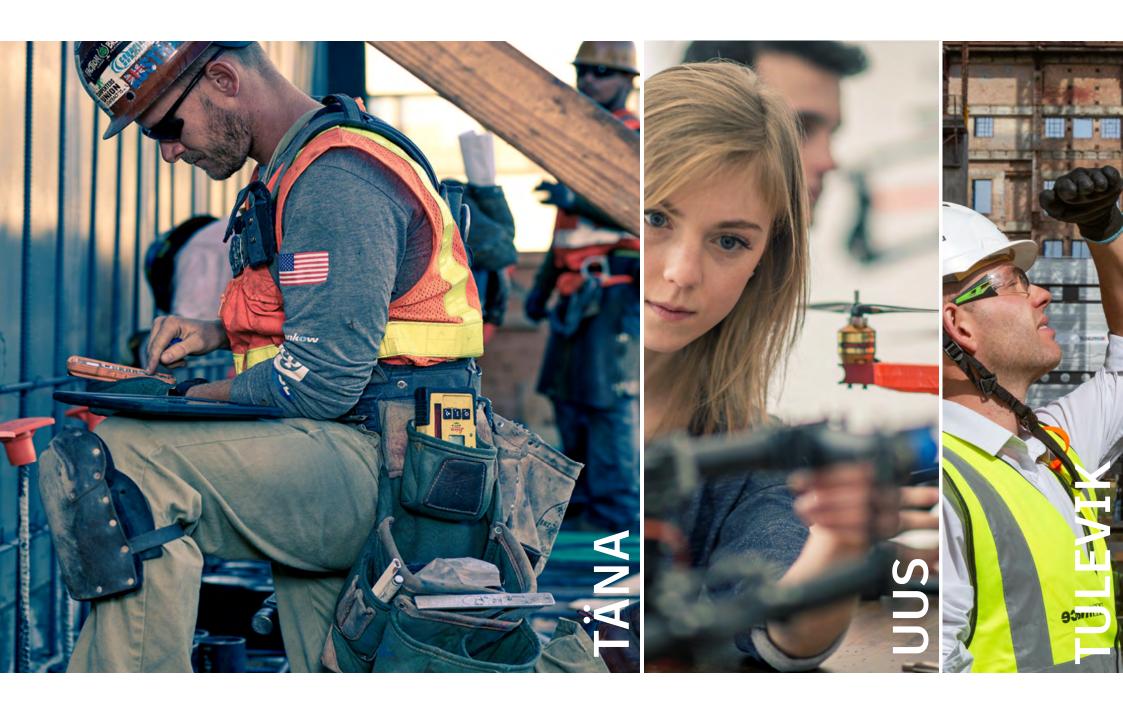
- Streamline workflows within ERP and project management systems but not integrated
- Require some type 3D Deliverable from contractors but few 3D workflows
- Digitize workflows in the field and provide mobile devices

Level 1 – Document Control and Basic Data Management

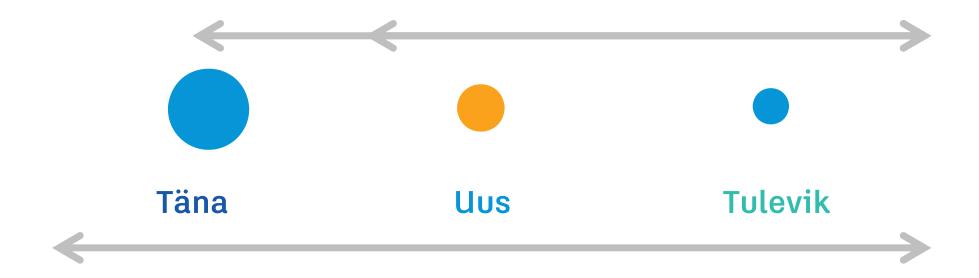
- Introduce a Document Management Control System
 Maintain primarily 2D Records (CAD, Full and Half Size Sets, Specifications)
- Mostly Paper Drawings & Documentation used in the field

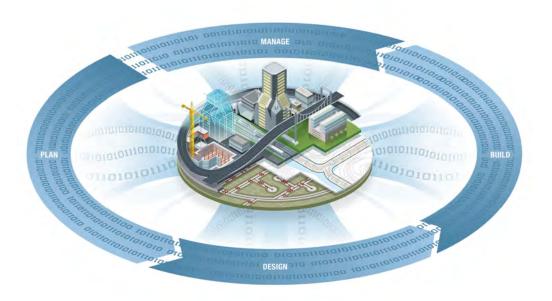






Innovatsiooni Juhtimine



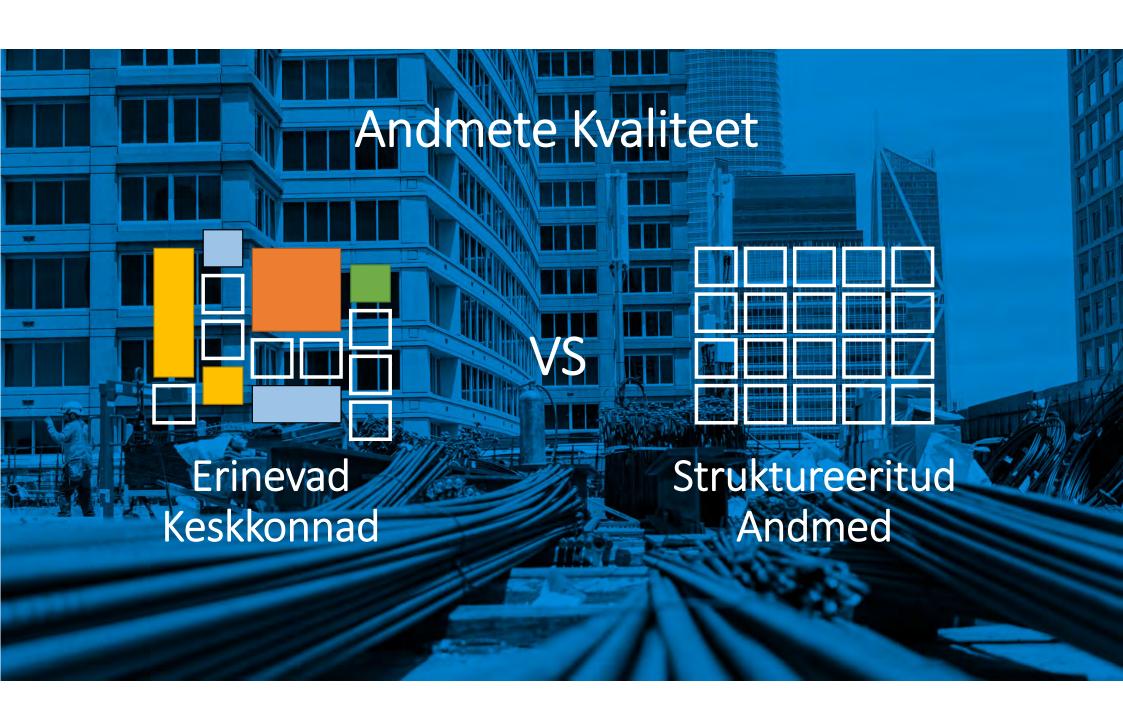












ROHKEM ANDMEID JA DIGITAALSEID PROTSESSE

Iga Päev...

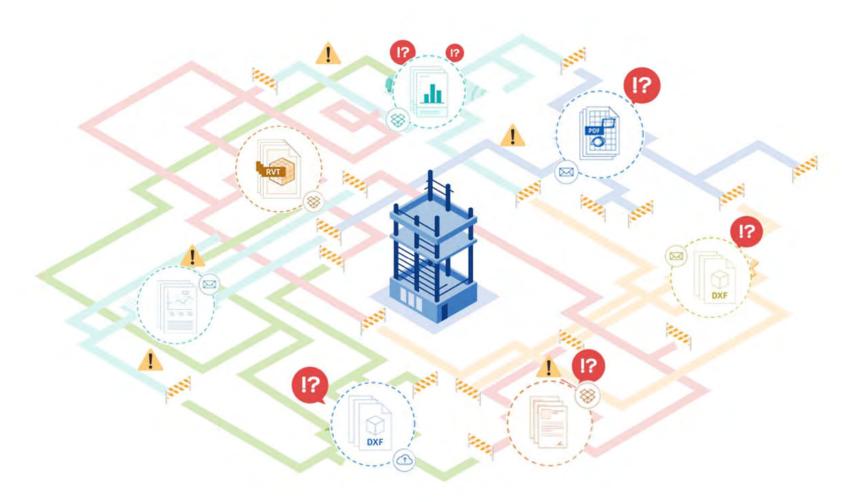
Tuhandeid probleeme ja muudatusi

95% kogu andmetest jääb ehitusprojektidel efektiivselt kasutamata

30%

Disaini ja Ehituse käigus loodud andmetest ei jõua projekti omanikeni

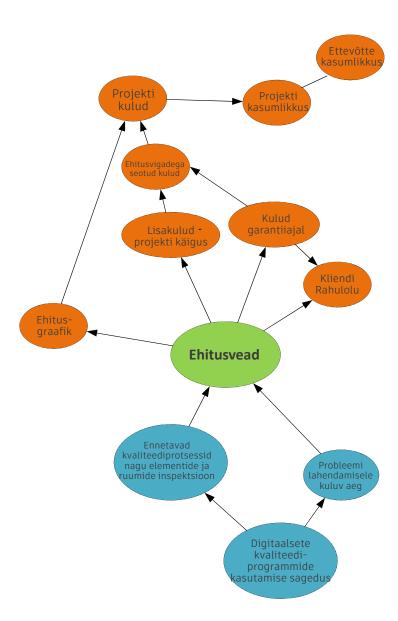




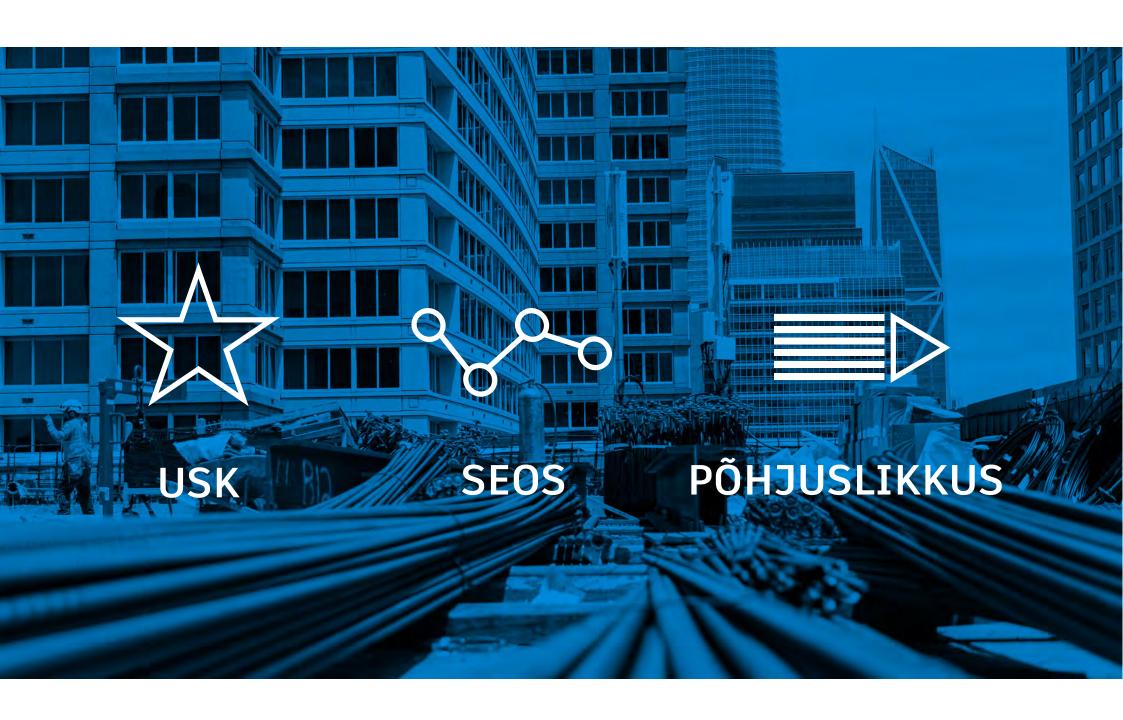
Reaktsioon või Ennetus







- Probleemide arv tüübi järgi
- Probleemide arv staatuse kategooria järgi (Lahendatud-Lahendamata-Ülevaatluseks valmis)
- Probleemide arv ettevõte-alltöövõtja kohta
- Probleemide avastamise tüüp (ülevaatus, piltide analüüs, jne)
- Probleemide tõstatamise sagedus/ kuus
- Lahendamiseks kuuluv aeg sõltuvalt vea kategooriast (Kriitiline kuni madal tähtsus)
- Lahendamiseks kuuluv aeg regionaalselt
- Lahendamiseks kuluv aeg iga projekti kohta
- Keskmine tõenäosus, et lahendus tuleb päeva/kuu/nädala jooksul
- Probleem avastatud ennatlikult või tagantjärgi
- Ennatlike probleemide tõstatamine / kuus
- Kvaliteedikontrolli vormide täitmise kogus projekti ja projekti tüübi kohta
- Kvaliteedikontrolli vormide arv regionaalselt
- Kvaliteedikontrolli vormide arv vormi tüübi kohta.
- % probleeme, mis avastati kvaliteedikontrolli käigus
 - Igas Regioonis
 - Projektil
 - Vormi tüübi kohta















https://bim360resources.autodesk.com/featuredcontent/bam-machine-learning-story





Make anything...

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