# Using Digital Tools to Create Efficiency

Brendan O’Riordan

**Danish software company**
**50% Business Operations**
**50% Developers**

**450 employees located in**
**32 regional offices**

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**BIM Viewer+**
**200,000 unique projects globally**

**Web & Desktop Interface**
**Mobile Device Application**
**Cloud Service**

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## Platform Modules
## Design, Construction, FM

## The construction industry is among the least digitized.

**McKinsey Global Institute industry digitization index; 2015 or latest available data**

Relatively low digitization — Relatively high digitization

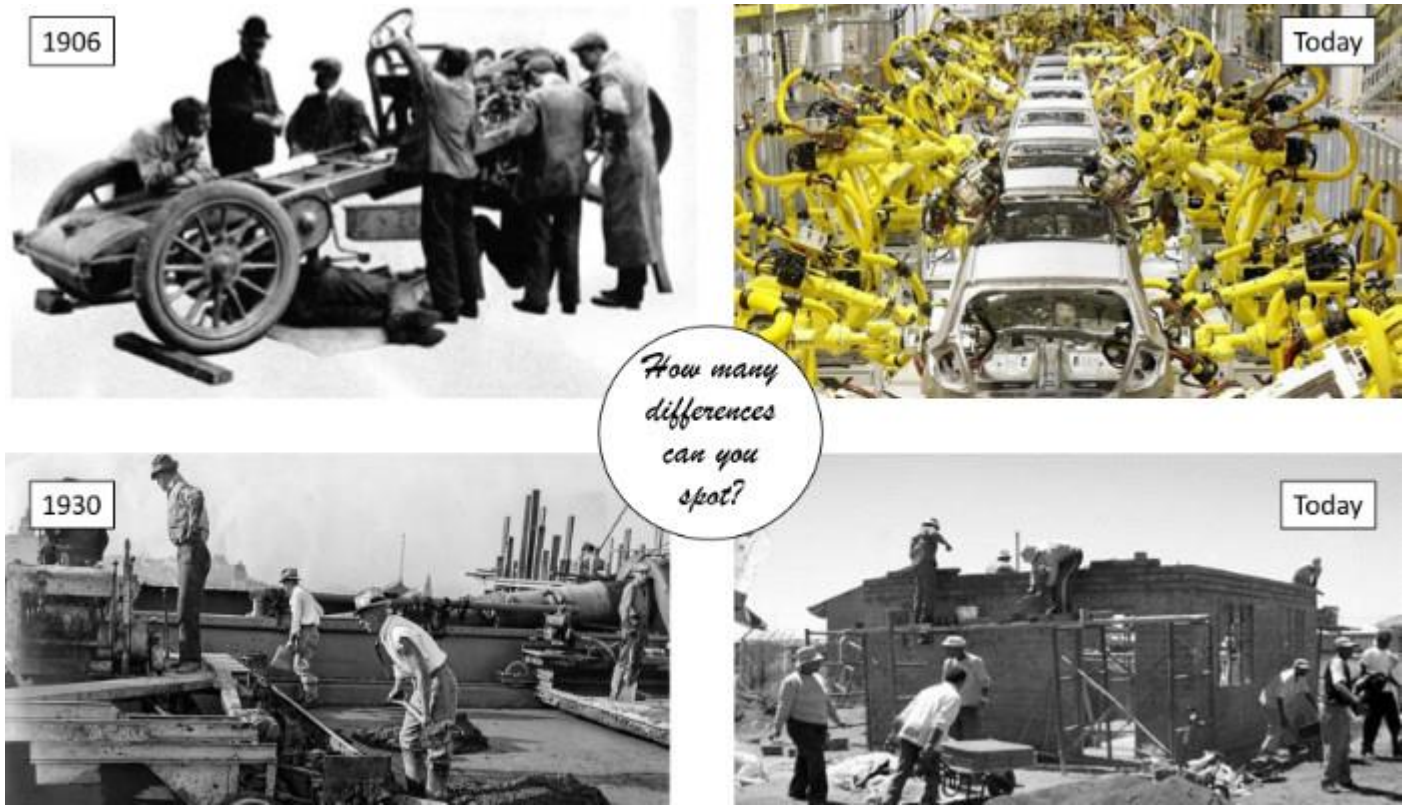
● Digital leaders within relatively undigitized sectors

| Sector | Assets: Overall digitization[1] | Assets: Digital spending | Assets: Digital asset stock | Usage: Transactions | Usage: Interactions | Usage: Business processes | Usage: Market making | Labor: Digital spending on workers | Labor: Digital spending deepening | Labor: Digital capital | Labor: Digitization of work |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ICT[2] | | | | | | | | | | | |
| Media | | | | | | | | | | | |
| Professional services | | | | | | | | | | | |
| Finance and insurance | | | | | | | | | | | |
| Wholesale trade | | | | | | | | | | | |
| Advanced manufacturing | | | | | | | | | | | |
| Oil and gas | | | | | | | | | | | |
| Utilities | | | | | | | | | | | |
| Chemicals and pharmaceuticals | | | | | | | | | | | |
| Basic goods manufacturing | | | | | | | | | | | |
| Mining | | | | | | | | | | | |
| Real estate | ● | | | | | | | | | | |
| Transportation and warehousing | ● | | | | | | | | | | |
| Education | ● | | | | | | | | | | |
| Retail trade | ● | | | | | | | | | | |
| Entertainment and recreation | | | | | | | | | | | |
| Personal and local services | | | | | | | | | | | |
| Government | ● | | | | | | | | | | |
| Healthcare | | | | | | | | | | | |
| Hospitality | ● | | | | | | | | | | |
| Construction | | | | | | | | | | | |
| Agriculture and hunting | | | | | | | | | | | |

[1]Based on a set of metrics to assess digitization of assets (8 metrics), usage (11 metrics), and labor (8 metrics).
[2]Information and communications technology.

Source: AppBrain; Bluewolf; Computer Economics; eMarketer; Gartner; IDC Research; LiveChat; US Bureau of Economic Analysis; US Bureau of Labor Statistics; US Census Bureau; McKinsey Global Institute analysis

McKinsey&Company

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# The Reality

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# Let’s be Realistic

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# Does Digital = Efficient?

Depends on your definition of efficient

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# What can we do?

- We can choose the right materials
  - Local
  - Reusable
  - Natural
- We can be quality focused
- Make the individual as efficient as possible

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# Everything you need on site

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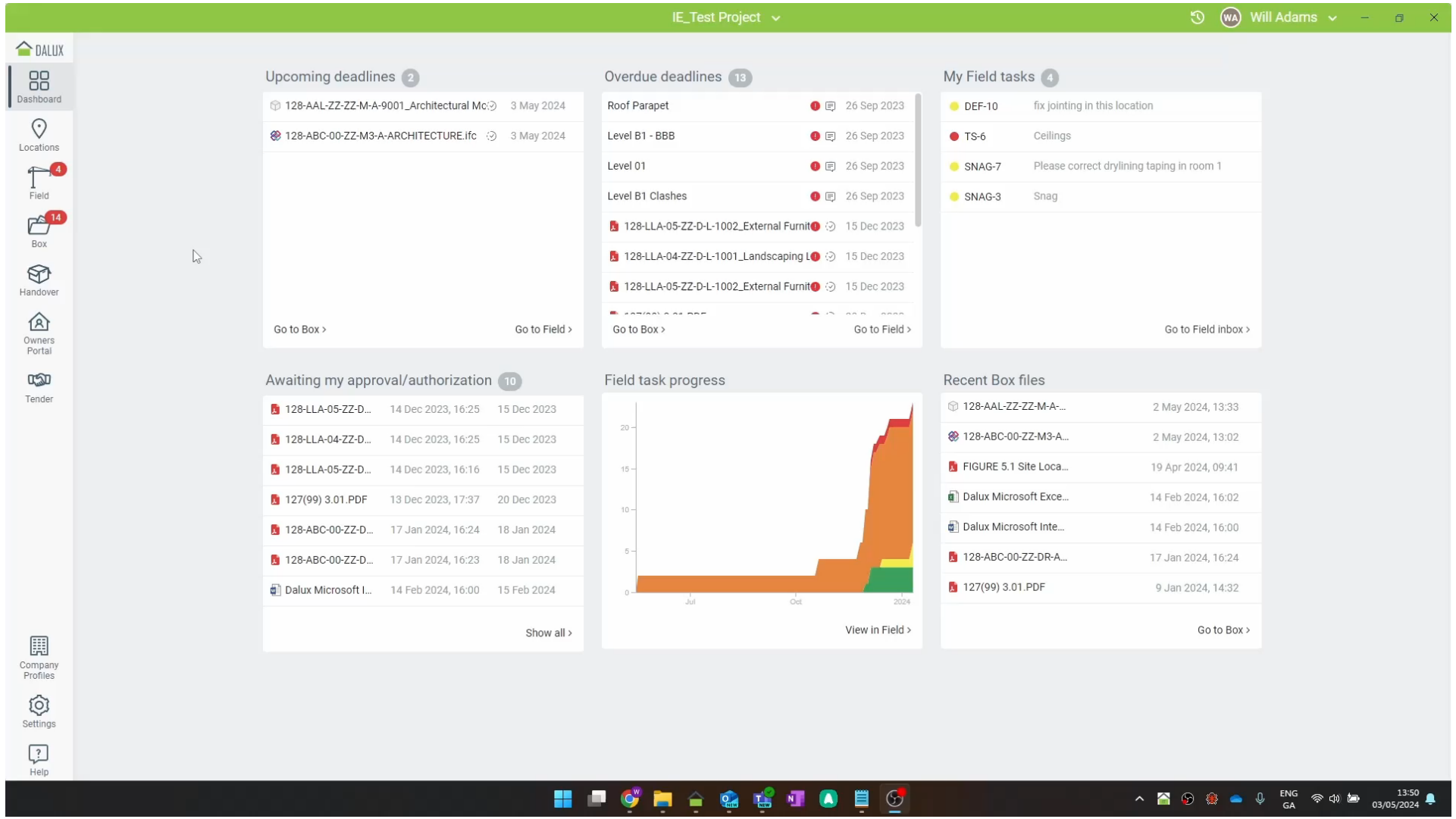
# Create Inspection Plans from the model

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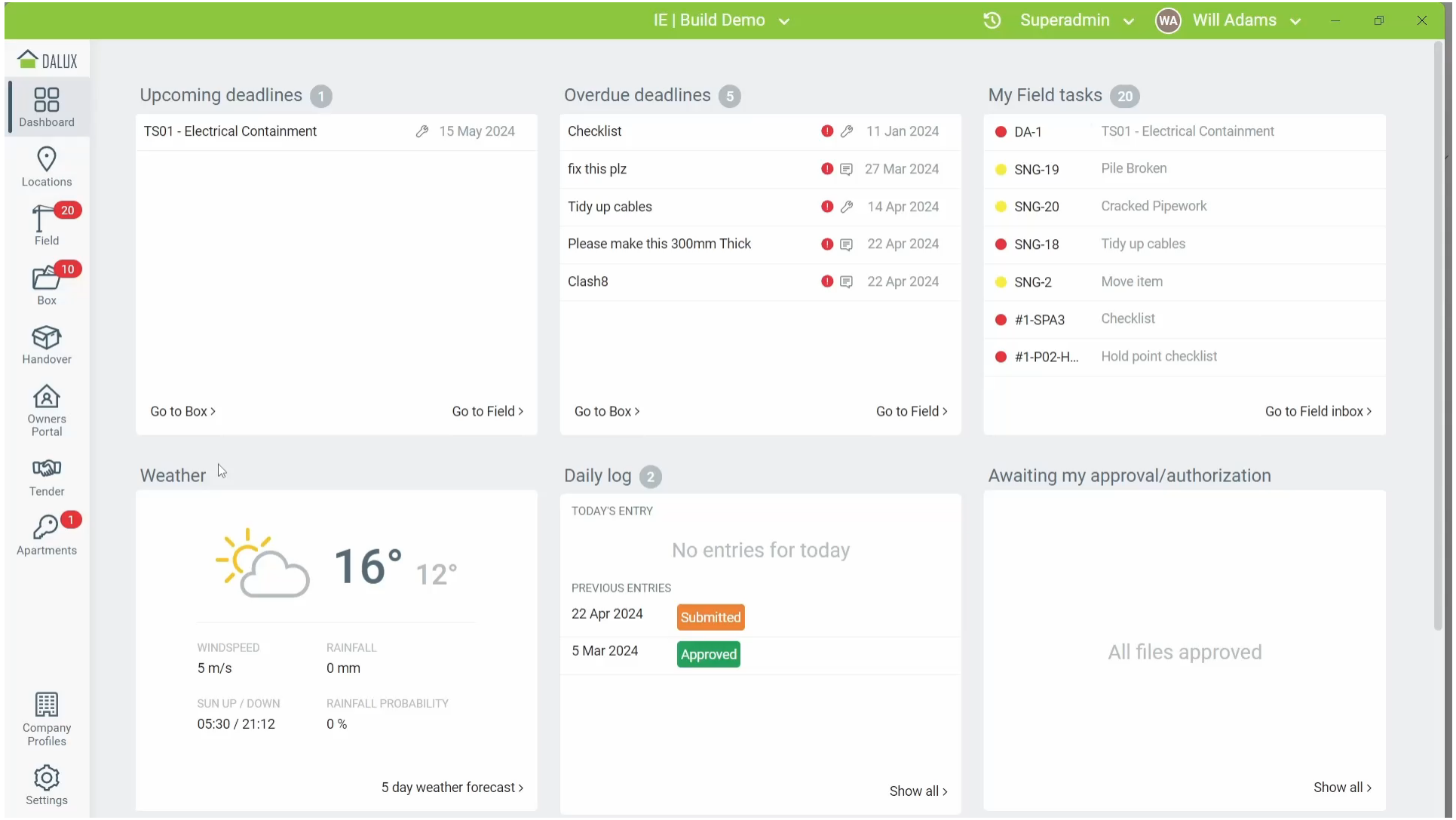
# Create Inspection Plans from the Drawings

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# To Sum Up

- We are Digital
- Where we are not, maybe we shouldn’t be
- Use Digital tools to improve us, not replace us
- Don’t reinvent the wheel, use the data available

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DALUX USER DAYS 2024

**Dublin**

**May 23rd**

**The Alex Hotel**

**Register Now!**

Does Digital = Efficient?

Does Efficient = Automated?

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# Does Efficiency = Automated?

Depends on your definition of Automated

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