Navigating the Digital Transformation of Safety in Construction

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Agenda

1. Current State & Why Make the Transformation
2. Cert & Training Mgmt Made Automated
3. Toolbox Talks for a Digital World
4. Job Planning with a Purpose
5. Turning Field Data into KPIs that Matter
6. Best Practices for Implementation

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Current State Of Construction Safety Mgmt.

Safety data often goes into a “black hole”

Safety teams have little insight into what is getting done – and who isn’t doing what they’re supposed to doing.

- Paper-heavy processes to collect field safety data are time consuming and inefficient
- Spreadsheets for managing certification and training data become unwieldy and difficult to extract good data
- Safety binders with printed materials, safety documents, or certificate data get lost on the jobsite or are simply not available when someone needs them

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Current State Of Construction Safety Mgmt.

Reduce Your Exposure to Costly Fines, Keep Workforce Safe, and Cut Your Safety Admin Time

The Three Pillars

1. Save Time and Money
2. Maintain OSHA Compliance
3. Keep Workforce Safe and Healthy

→ Access to the data you need, when you need it

→ A shift from reactive to proactive

→ More efficient processes for field and safety teams

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Navigating the Digital Transformation of Safety:

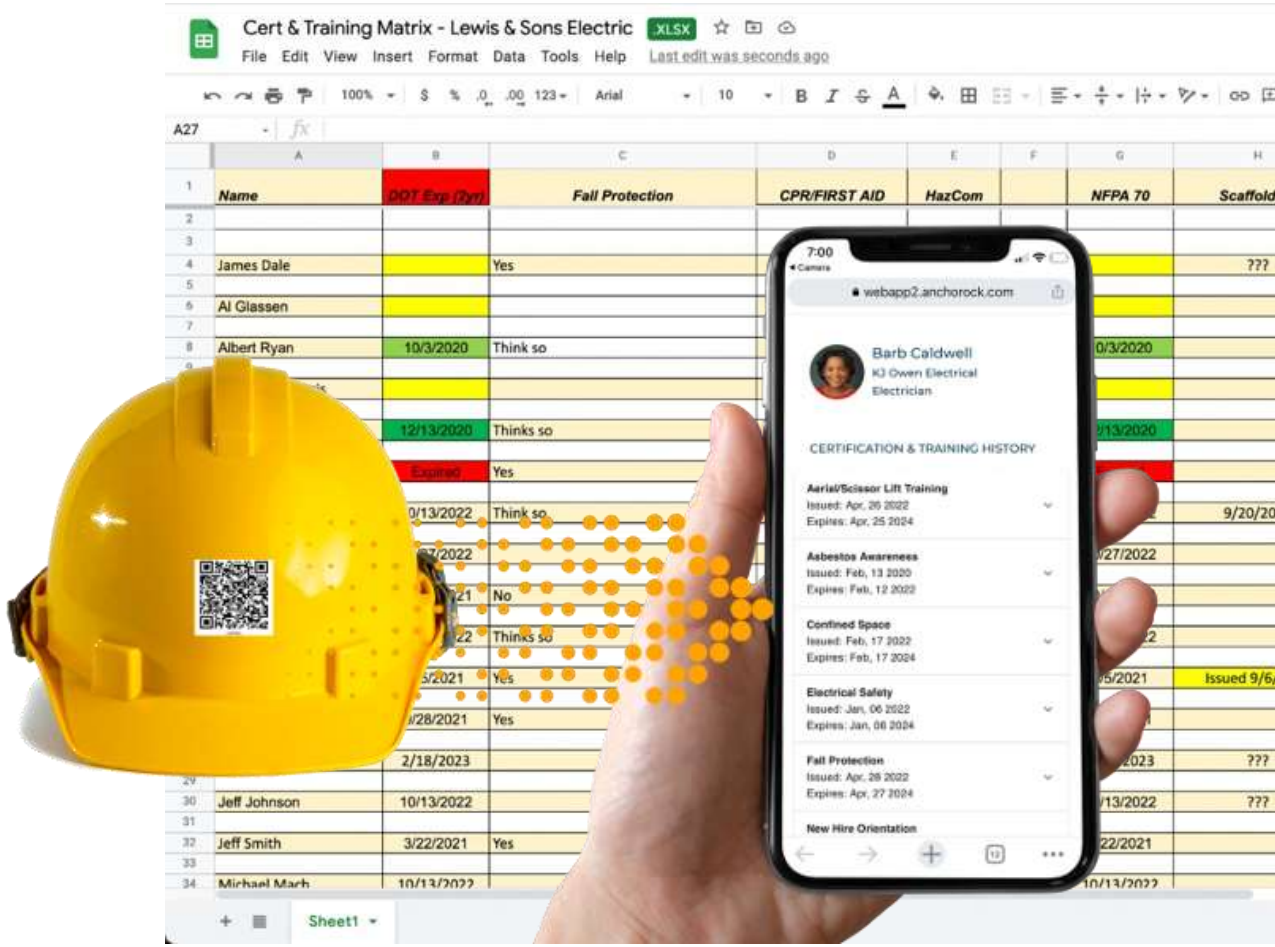
Why Digitize Your Cert/Training Mgmt?

→ Limitations of excel

- Not easily maintained/time consuming
- Challenging to quickly extract pertinent data
- Not being able to run reports easily
- No “clean” way to share proof of training
- Lack of automate reminders/notifications

→ Benefits of cloud-based cert/training mgmt

- One unified platform
- Field leads have instant access to data
- Reporting that makes you look good
- Automation of alerts and reminders



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Navigating the Digital Transformation of Safety:

Safety Meetings for A Digital World

- →Paperless toolbox talks tracked in the matter of minutes
- →Ensuring proof of training for all meeting attendees is critical from a compliance standpoint
- →Putting the ownership in the hands of the field leads
- →Automatic reminders, notifications, alerts and shareable PDF reports

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Navigating the Digital Transformation of Safety:

Job Planning with A Purpose

- Job Planning = Job Hazard Analysis, Pre-Task Planning, Job Safety Analysis, etc.
- Key components include safety and health consideration checklists, permits required checklist, tools and equipment required checklist.
- The three column approach to job planning
- An informed, educated, and aware field staff will yield positive results from an incident perspective

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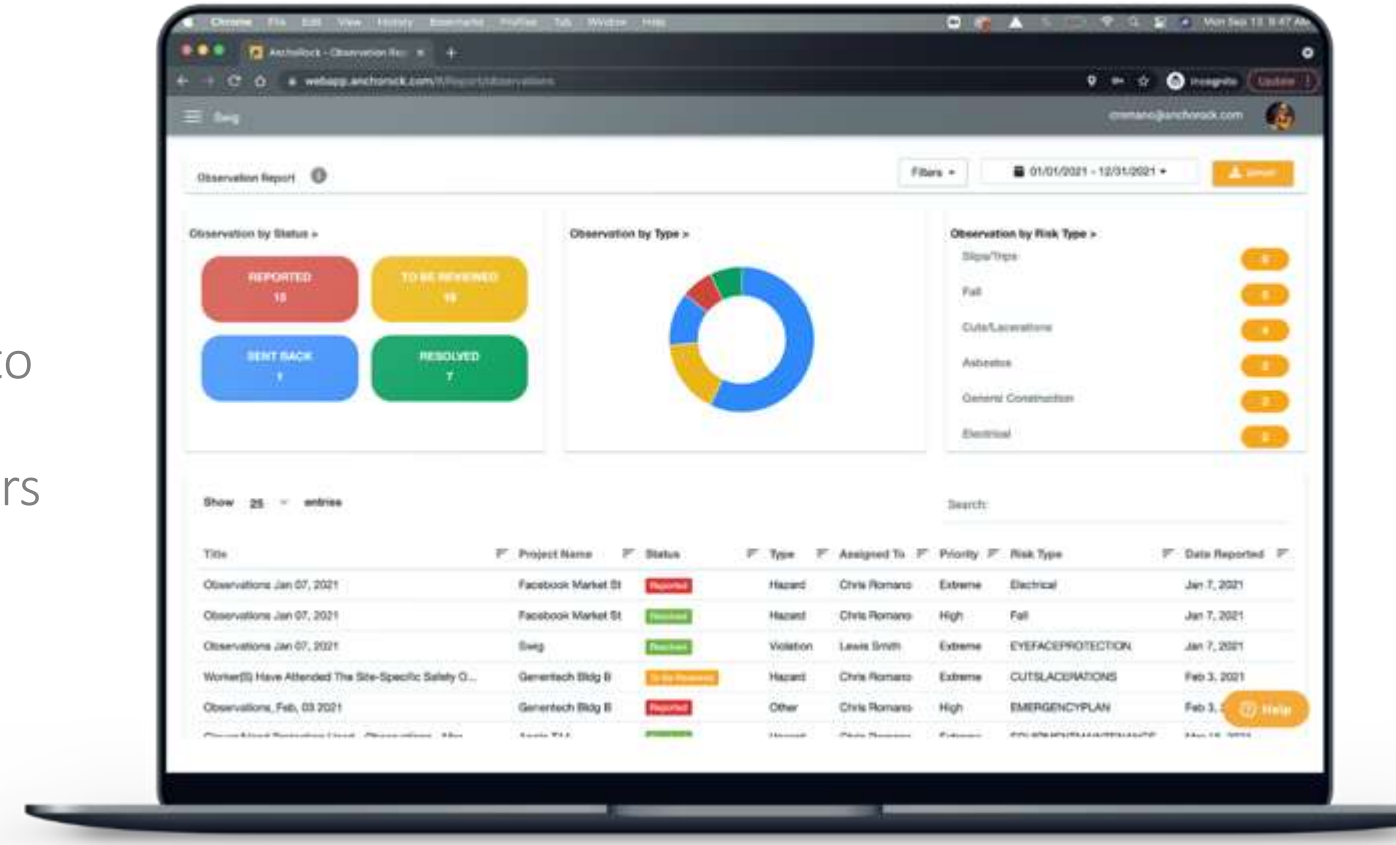
Navigating the Digital Transformation of Safety:

Turning Field Data Into KPIs That Matter

- →Analytics and metrics lead to safer jobsites
- →Project scorecards determine project health
- →Quickly assess all data being collected to analyze trends, key performance indicators, and leading/lagging indicators



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Preparing for Implementation

Have Import Data Ready

- Projects, users (employees), certificate history
- Good data in, good data out
- Excel form at will always be best

Devices in The Field?

- Determine if your field team needs mobile devices or if the devices they have will work
- Consider what platforms the mobile software is available on

Identify Super Admins

- Who will be responsible for “admining” the software (add users, add projects, maintain core data)

Admin & Field Training

- 90%+ of software rollouts are fully adopted when the field users are trained effectively
- Consider whether you will ask the software provider to train the team or will you take the “train the trainer” approach

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Navigating the Digital Transformation of Safety:

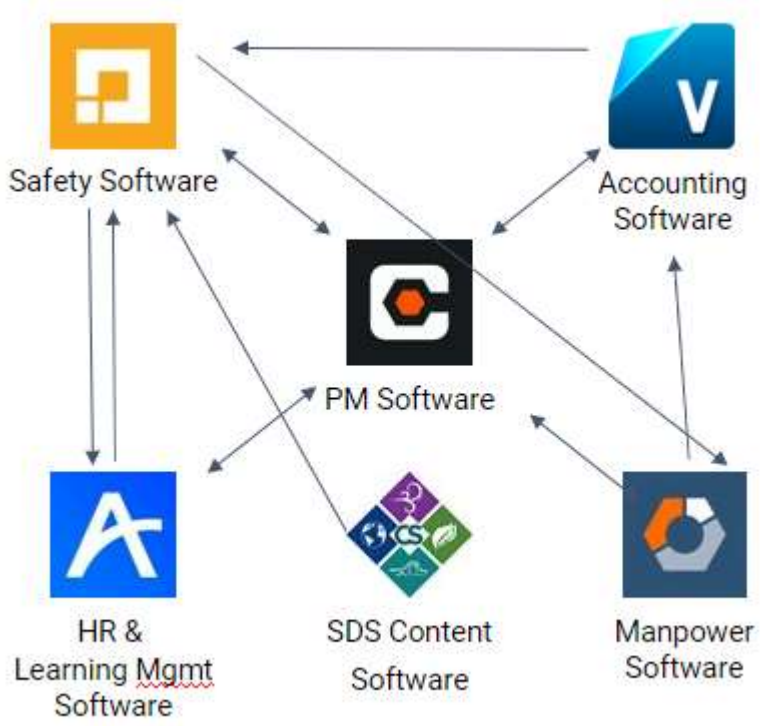
Integration is Key

Benefits of Integration

- Gives an “all-in-one” experience
- Reduction of rework or double entry
- Automated data flow to/from linked software

Questions to Ask

- Does the software have an open API?
- Can the software connect to an open API?
- Does the software charge for integration setup?
- How frequently does the integration run?



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Navigating the Digital Transformation of Safety:

Return on Investment

Critical Resource Savings

- In less than 1 year, Blackwater Electric **estimates they've saved the full salaries of two Safety admins** by deploying AnchoRock company-wide - Blackwater Electric, Virgina

Time Saved = Money Saved

- A few hours per Foremen per month, giving Foremen all cert data in the palm of their hands for instant verification - Monterey Mechanical, California

Access to Data = Incidents Avoided

- When field teams have access to life/incident saving data, the chances of a jobsite incident are reduced dramatically.

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Thank You

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October 3, 2022

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