



2023 AWP Conference Houston  
*Breakout Session:*

# **AWP Doesn't Work**

*Presented by O3 Solutions*



O3 SOLUTIONS

# Agenda

- Safety Moment
- Speaker Intro
- Who is O3?
- AWP Doesn't Work
  - Busting the biggest myths in the industry
- Key Takeaways
- Q/A
- Learn More





Sending sick employees home is the single most common approach employers take to avoid illness, but only **54%** of organizations do. Employers need to discourage the 'hero employee' mentality.

- Occupational Safety & Health Association

## PREVENTING THE SPREAD OF SICKNESS

1. Get vaccinated
2. Stay home if you're sick
3. Wash your hands frequently with soap and water
4. Avoid touching your nose, mouth, and eyes
5. Cover your coughs and sneezes
6. Keep frequently touched common surfaces clean
7. Don't share phones, desks, offices, equipment
8. Avoid shaking hands or coming in close contact with those who may be ill
9. Eat a healthy diet and stay hydrated
10. Consult with your doctor if you are at high risk of infection

Source: [OSHA](#)



# Speaker Introduction

**Josh Girvin**

**CEO & Founder**

- CII AWP SME & Thought Leader
  - AWP Benchmarking Committee Chair
  - AWP for Scaffolding Committee Chair
  - AWP in Engineering Committee Chair
- Former SVP Product & Market Strategy for Materials Management / RFID Software
- Serial Entrepreneur with 12 Technology Patents
- BSE Mechanical Engineering, Princeton University





# Speaker Introduction

**Andrew Foy**

**VP, AWP & Construction**

- 16+ years experience in industrial construction
- 6 years dedicated AWP implementation experience for a range of Owner organizations
- CII AWP Performance and Benchmarking Committee Co-Chair



# Speaker Introduction

## Colin Budka Senior Product Manager

- Experience with projects in Manufacturing, Oil & Gas, Chemicals
- Electrical Engineer, Case Western Reserve University
- CII AWP Performance & Benchmarking Committee



# WHO IS O3?

O3 is the **market leading** agile software built specifically to support **Advanced Work Packaging (AWP)**. It's the only solution on the market with **true work package** management. No matter the size of the project, from **small-cap to mega projects**, O3 is scalable and can support your AWP maturity journey.

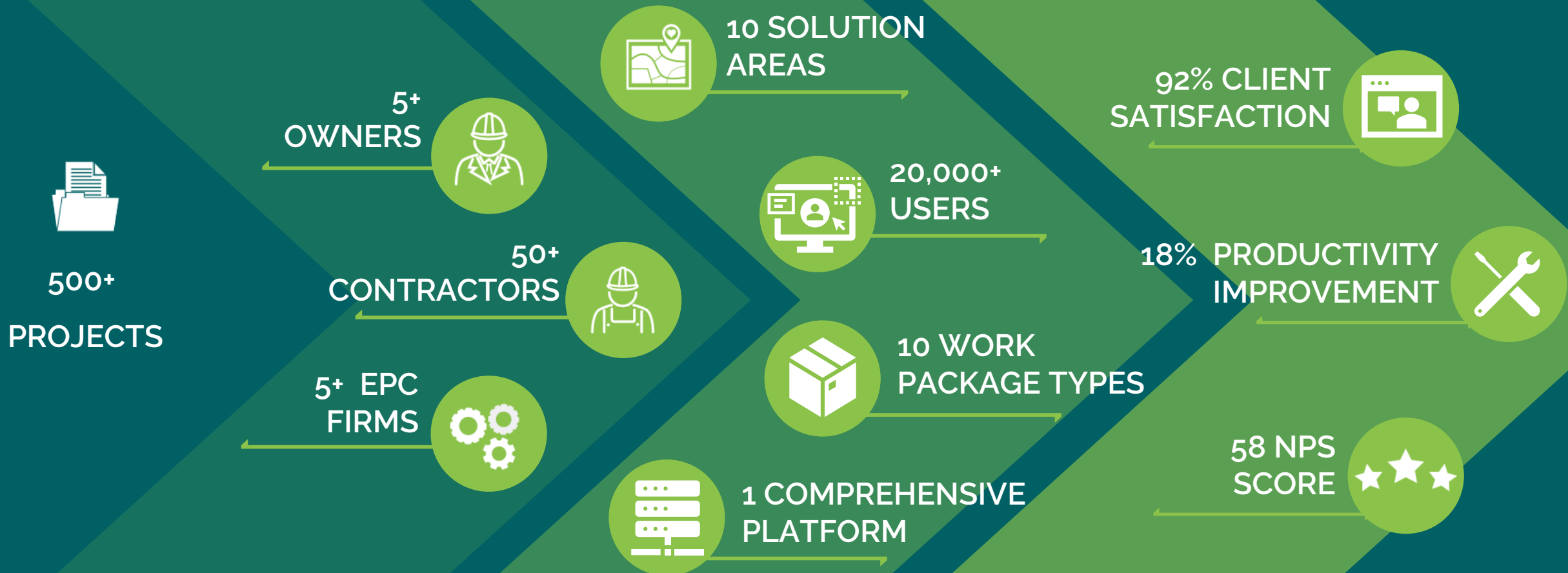


O3 SOLUTIONS

Turn ON  
the Power of O3



# BY THE NUMBERS





# O3's SOLUTIONS: What Sets O3 Apart

## Single, Modern Platform



## Supports Work Packaging



## Scalable Across Project Types



## Continuous Innovation



Cloud-Based



Easy to Configure



Modern SaaS Software



Work Package Creation



Automated Workflows



True Constraint Management



Robust Roles & Permissions



Multi-Project Support



Multi-Contractor Support



Based On Client Input



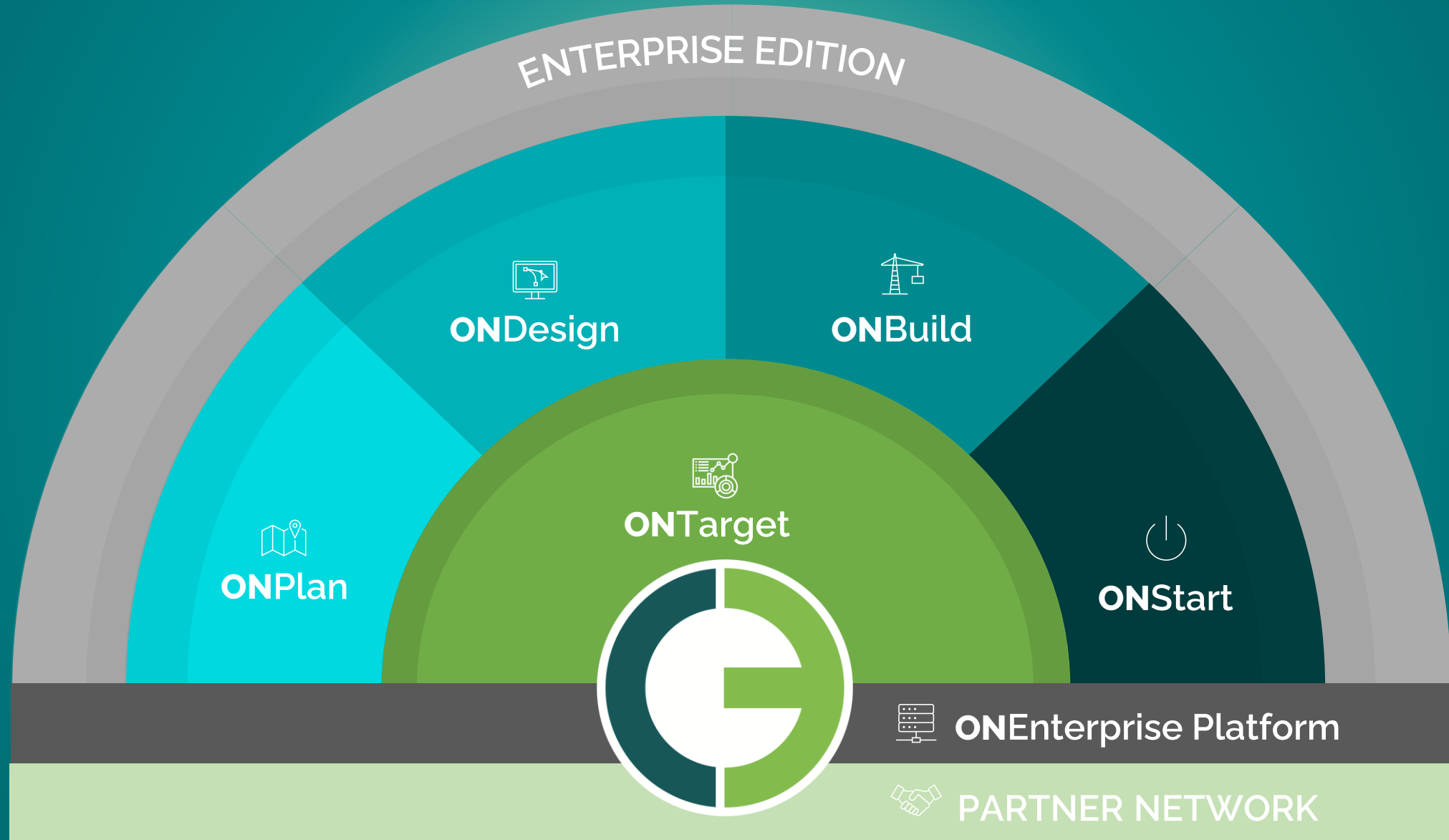
Release Every 2 Weeks



Web-based Interface



# O3's SUITE OF SOLUTIONS





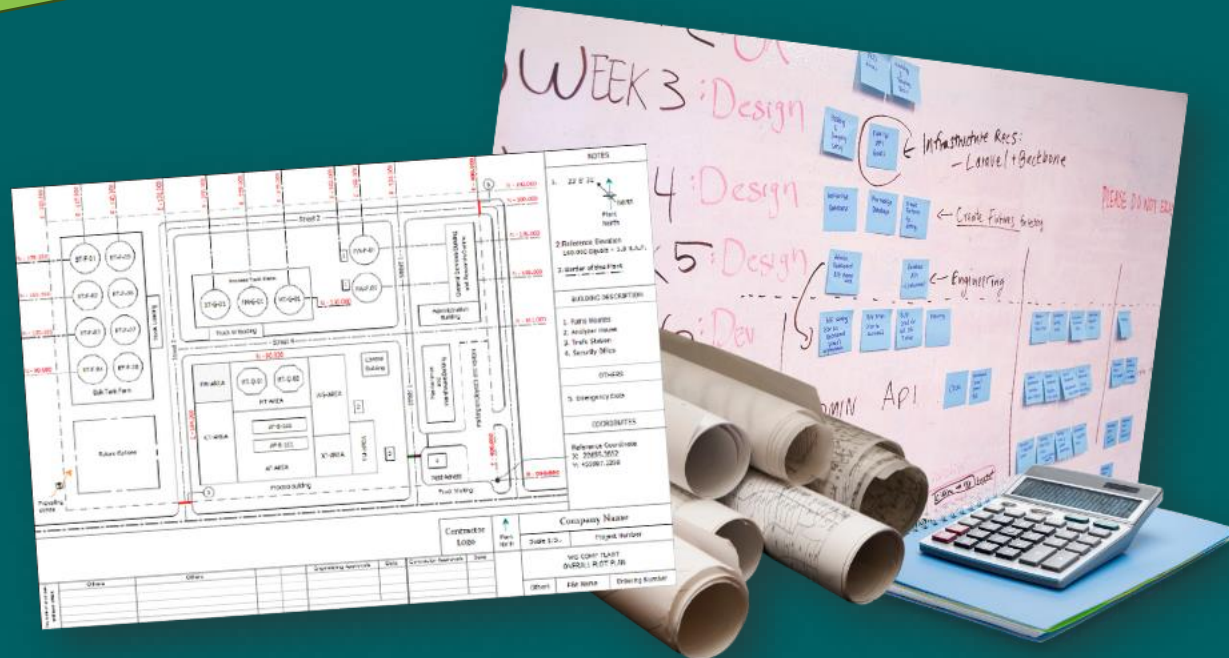
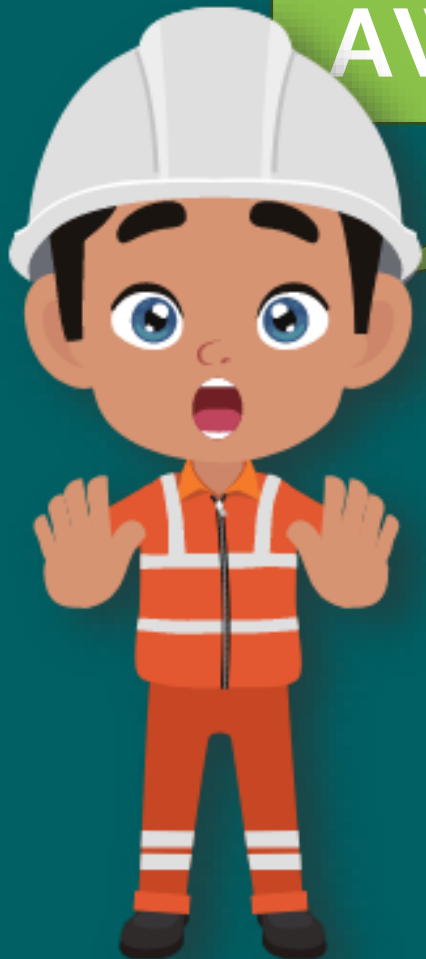
**“AWP Doesn't Work!”**



# AWP Doesn't Work

Reason #1

AWP in FEL is just scribbling on a whiteboard





# AWP Doesn't Work

## Reason #2

AWP doesn't provide value to engineering



| DESIGN AND INSTALLATION          |            |            |  |
|----------------------------------|------------|------------|--|
| TASK                             | DUE DATE   | IMPORTANCE |  |
| Start design                     | 15/01/2018 | 2          |  |
| Start building                   |            | 4          |  |
| Start testing                    | 25/03/2018 | 5          |  |
| Evolve design                    | 15/02/2018 | 2          |  |
| Verify building                  |            | 3          |  |
| Verify design to do list         | 28/01/2018 | 1          |  |
| Verify components                | 25/04/2018 | 2          |  |
| Check drawings                   | 01/03/2018 | 4          |  |
| Review building process          |            | 1          |  |
| Final acceptance test            |            |            |  |
| Prepare assembly drawings        |            |            |  |
| Plot drawings                    |            |            |  |
| Prepare assembly area            |            |            |  |
| Outsource components             |            |            |  |
| Chase suppliers                  |            |            |  |
| Prepare testing procedures       |            |            |  |
| Execute internal acceptance test |            |            |  |
| Write testing documentation      |            |            |  |

| Assigned to | Requested by | Status | Due date |
|-------------|--------------|--------|----------|
| Asley       | PM           | open   | 31.01.21 |
| Tom         | PM           | open   | 31.01.21 |
| Ricky       | PM           | open   | 30.04.21 |
| Ricky       | PM           | open   | 30.04.21 |
| Ricky       | PM           | open   | 30.04.21 |
| Stefan      | PM           | open   | 31.05.21 |
| Stefan      | PM           | open   | 31.05.21 |
| Francois    | PM           | open   | 31.05.21 |
|             | PM           | open   | 30.09.21 |
|             |              |        | 30.09.21 |







# AWP Doesn't Work

Reason #3

AWP requires expensive hardware to run on  
premise software





# AWP Doesn't Work

Reason #4

AWP software requires complex end-to-end model conditioning runs





# AWP Doesn't Work

Reason #5

AWP doesn't replace constructability



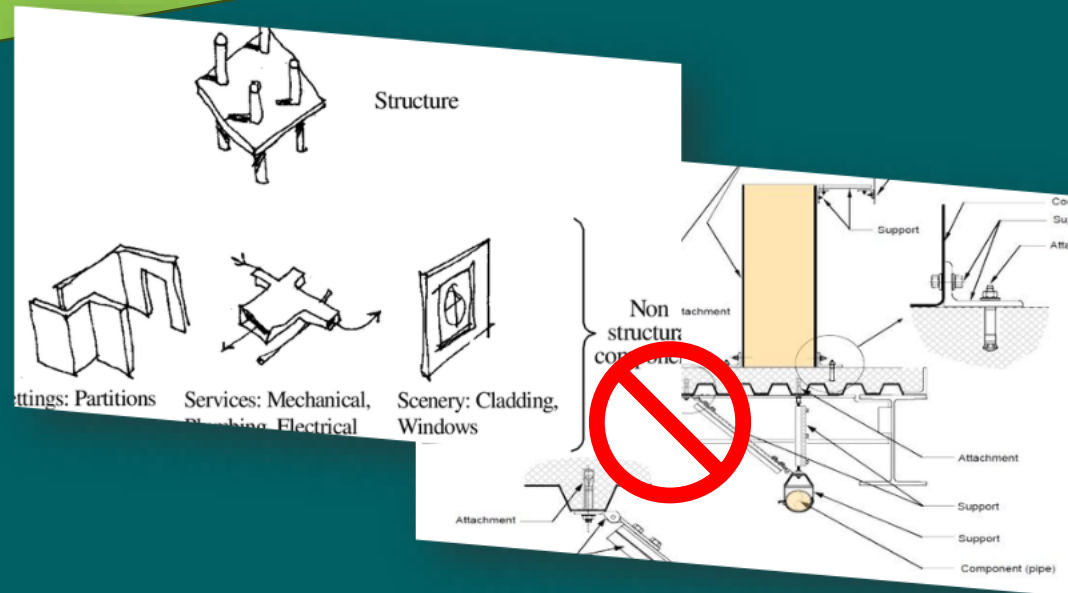


# AWP Doesn't Work

Reason #6



AWP doesn't work for non-modeled components







# AWP Doesn't Work

Reason #7

There's no way to monitor the health of an AWP program



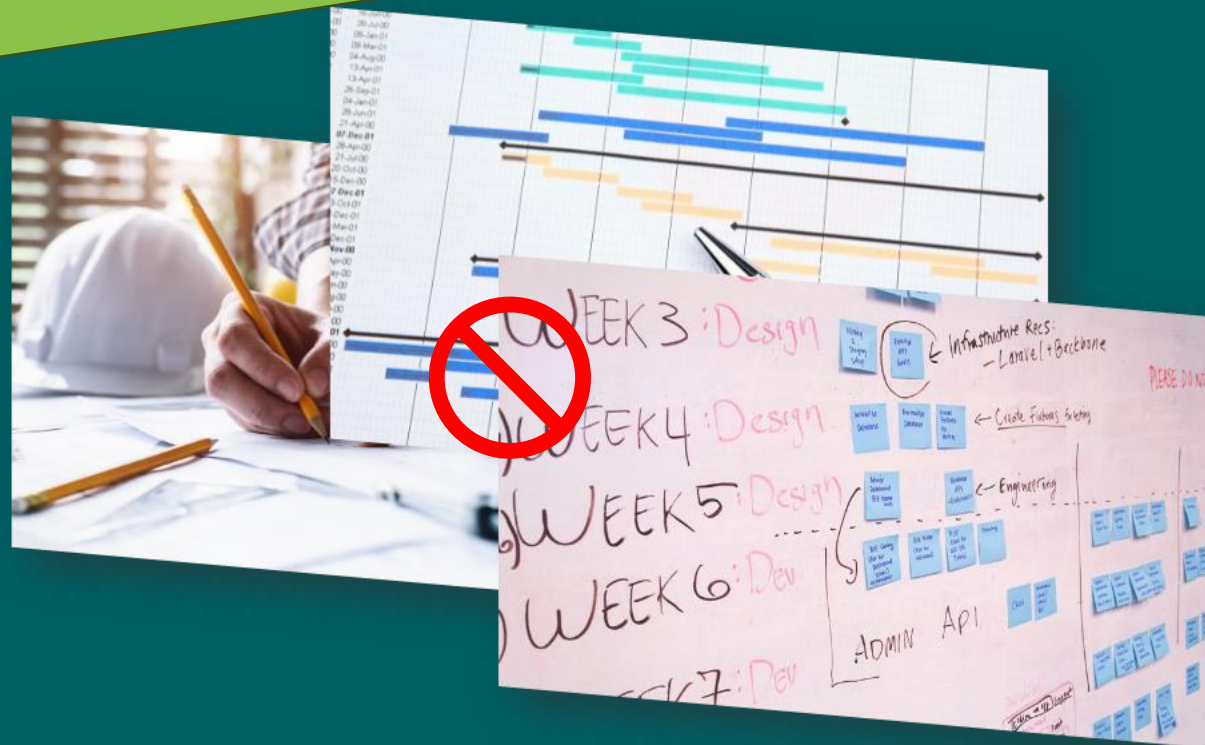




# AWP Doesn't Work

## Reason #8

AWP is too expensive to set up and get started





# AWP Doesn't Work

Reason #9

There's no way to prove AWP value



# Key Takeaways



AWP and O3 supports the project from early FEL to C&SU



AWP is for everyone, including engineering



O3 software is cloud based with very limited hardware requirements



External model conditioning is a thing of the past



AWP augments constructability with 4D planning



AWP software needs to support non-modelled components



AWP KPI tracking is critical to ensuring implementation success



You don't need an army of consultants to make AWP work



AWP value can be estimated using ROI and tracked using Time On Tools



# LEARN MORE

Visit O3 Solutions online to:

- Download case studies
- Check out our latest webinars
- Watch quick overview videos of our solution suite
- Connect with us on social media
- Sign up for our monthly newsletter

[www.o3.solutions](http://www.o3.solutions)



# QUESTIONS?

We'd love to hear your thoughts



O3 SOLUTIONS

## EMAIL

[info@o3.solutions](mailto:info@o3.solutions)

## WEBSITE

[www.o3.solutions](http://www.o3.solutions)





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