



# REMOTE VIRTUAL INSPECTIONS



# REMOTE VIRTUAL INSPECTIONS



What Are They?



Benefits



How Do They Work?



Permit and Inspection Types



Takeaways



Contact



# REMOTE VIRTUAL INSPECTIONS

## WHAT ARE THEY?

- **An inspection that takes place from any location**
- **Conducted on an inspector's PC, laptop, or tablet**



# REMOTE VIRTUAL INSPECTIONS

## WHAT ARE THEY?

- **Inspector and contractor or homeowner communicate through live interaction and feedback**



# REMOTE VIRTUAL INSPECTIONS

## BENEFITS

- **Same quality of inspection as an on-site inspection, at a pre-scheduled time**
- **Collaboration between jurisdiction and the permittee**
- **Efficient**
- **Archive / History / Audit**
- **Carbon emissions impact**



# REMOTE VIRTUAL INSPECTIONS

## BENEFITS

- **Ease of scheduling for both the inspector and the permittee**
- **Saves travel time**
- **Promotes sustainable development**
- **Supports social distancing**



# REMOTE VIRTUAL INSPECTIONS

## BENEFITS

- **Immediate results**
- **Eliminates timely back-and-forth**
- **Real time submittals (RVI Software)**
- **Auto-notifications (RVI Software)**
  - **These are just some of the technological benefits that make virtual inspections innovative for the future**



# REMOTE VIRTUAL INSPECTIONS

## BENEFITS

- **An inspector can perform inspections from their desk**
- **Provides windows of opportunity throughout the day**
  - **Inspector can take online continuing education classes in between inspections (not possible driving from job-site to job-site)**

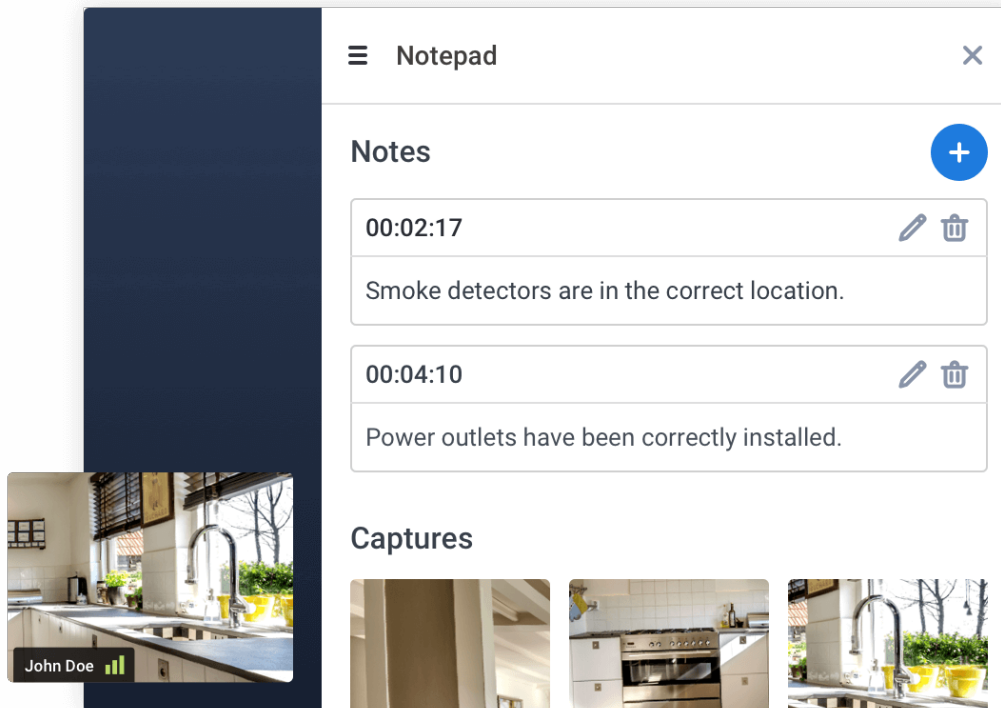




# REMOTE VIRTUAL INSPECTIONS

## HOW DO THEY WORK?

- Inspector must be able to see close-up, take camera shots, and add notes



# REMOTE VIRTUAL INSPECTIONS

## HOW DO THEY WORK?

- **Must be fully controlled by the inspector via a “live” video from the permittee side**
- **Uses geo-location by tagging each video or photograph to ensure accuracy**



# REMOTE VIRTUAL INSPECTIONS

## PERMIT TYPES

- **Over the Counter: decks, bathroom / kitchen remodels, etc.**
- **Fast Tracks: Changeouts**
- **Mechanical, Electrical, Plumbing**
- **Site: UG, BMP's, Driveways**
- **Smaller Additions: Patios, extensions of existing space**
- **Solar, pools, re-roof, etc.**



# REMOTE VIRTUAL INSPECTIONS

## INSPECTION TYPES

- **Complicated inspections require specific expertise**
  - **Large foundations**
  - **Structural framing**
  - **Complex specialty systems**

**The above inspections still  
must happen on-site!**



# REMOTE VIRTUAL INSPECTIONS

## TAKEAWAYS

- **Remote inspections are efficient and convenient**
- **An exciting addition to the industry**
- **Provides opportunity to municipalities, contractors, homeowners, and inspectors**
- **Adaptable as software and industry needs progress**
- **Easily attainable option**



# REMOTE VIRTUAL INSPECTIONS

**QUESTIONS?**

**COMMENTS?**



# REMOTE VIRTUAL INSPECTIONS

## CONTACT

### PRESENTER:

Johnny Goetz

Building Official / Senior Plans Examiner

M: (760) 914-2646 | O: (949) 877-9432

[jgoetz@4leafinc.com](mailto:jgoetz@4leafinc.com)

### 4LEAF, Inc.

5140 Birch Street, Suite 200

Newport Beach, CA 92660

[WWW.4LEAFINC.COM](http://WWW.4LEAFINC.COM)

