Connecting the "Stuff" of Controls Inside the Luminaire

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Adding New Inside Old is a Common Idea

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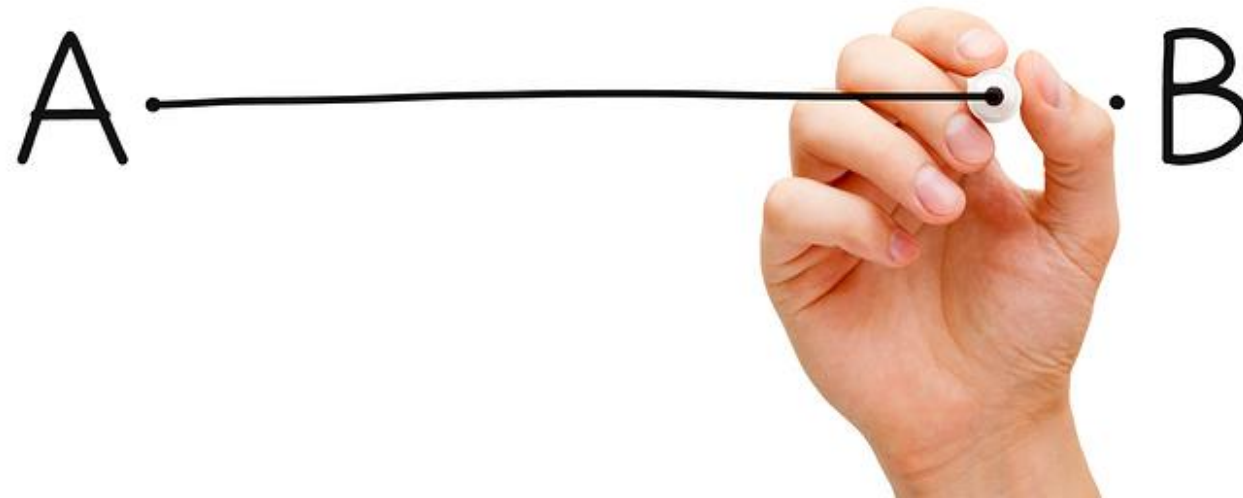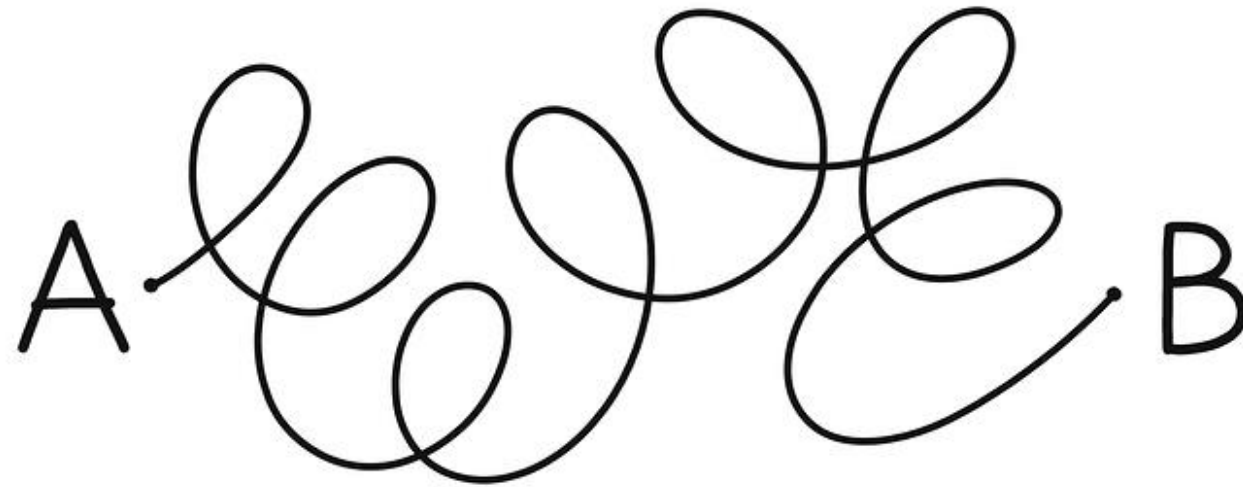
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Adding New Inside Old is a Common Idea

We've Been Doing it for Years with LED

What is the Best Way to Connect the Elements?

A Single Language is Best

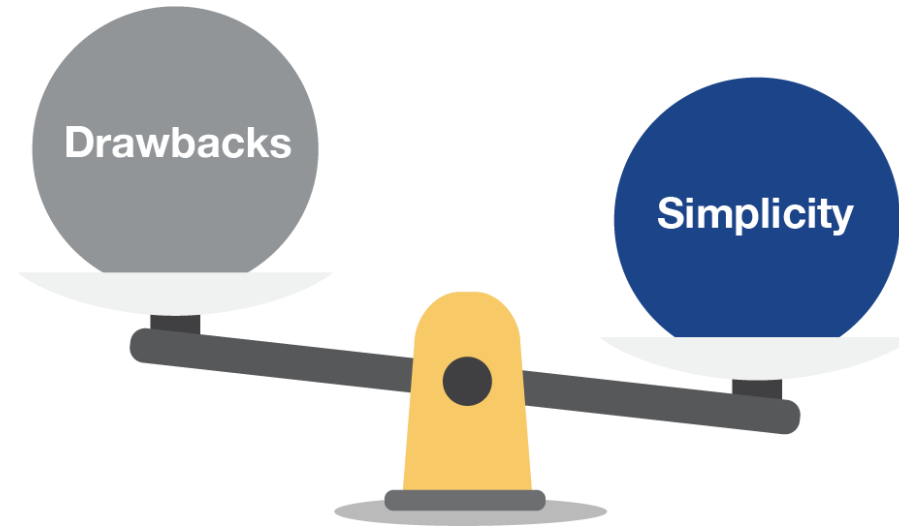Sensor   Luminaire   Luminaire   Luminaire   Luminaire

Why?

Simplicity:
- Consistent installation
- Greater flexibility of design
- Easier to commission
- Common design practices
- Same suppliers for any design
- Consistent security approach

Any Drawbacks?

Drawbacks
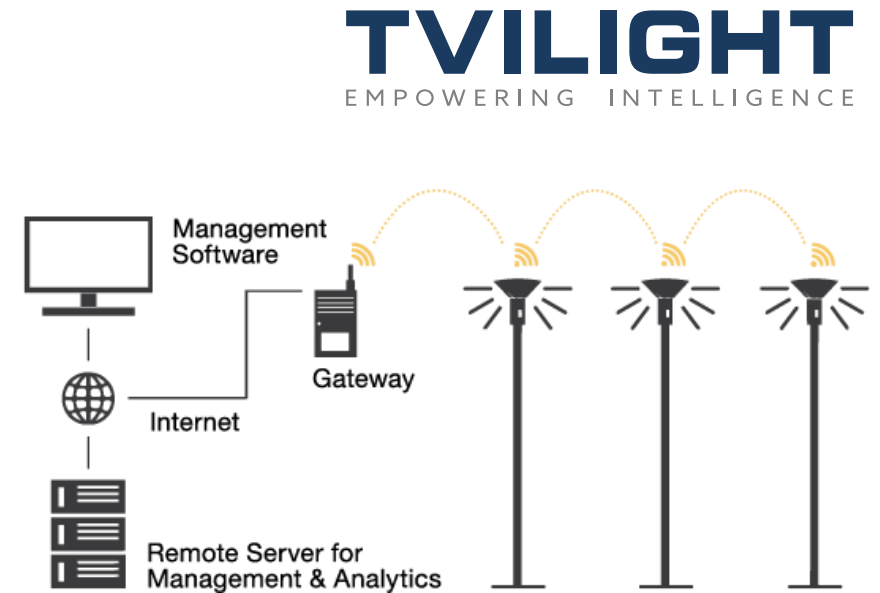
Simplicity

Function of Technology you Choose:
- Cost?   • Power?
- Consumes end point on DALI controller

Overcome by Simplicity
- Translators or gateways add complexity
- Greater chance for errors

Our Experience - Outdoor

- Sensor to luminaire uses Zigbee or DALI
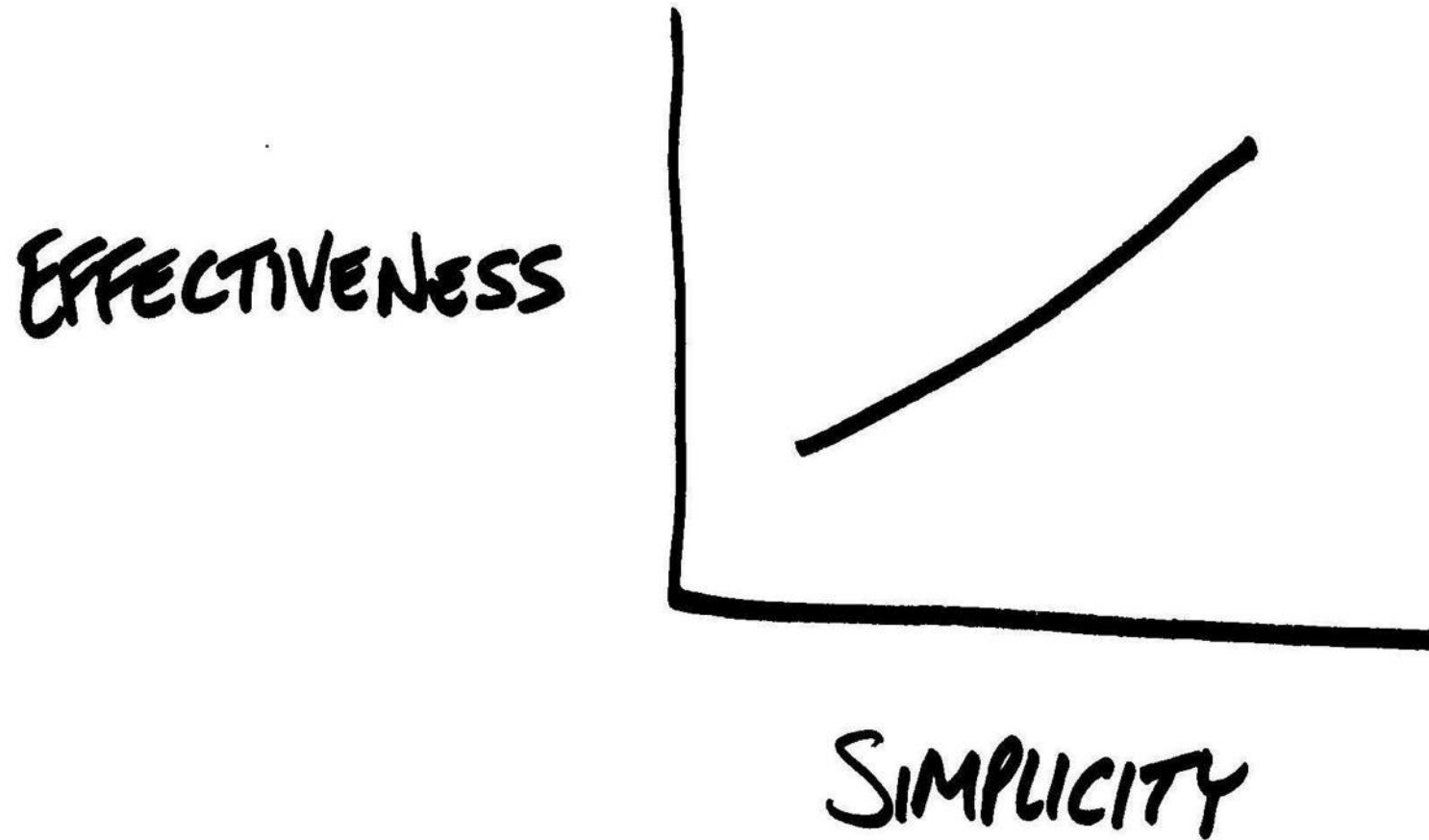- Luminaire to next Luminaire - Same
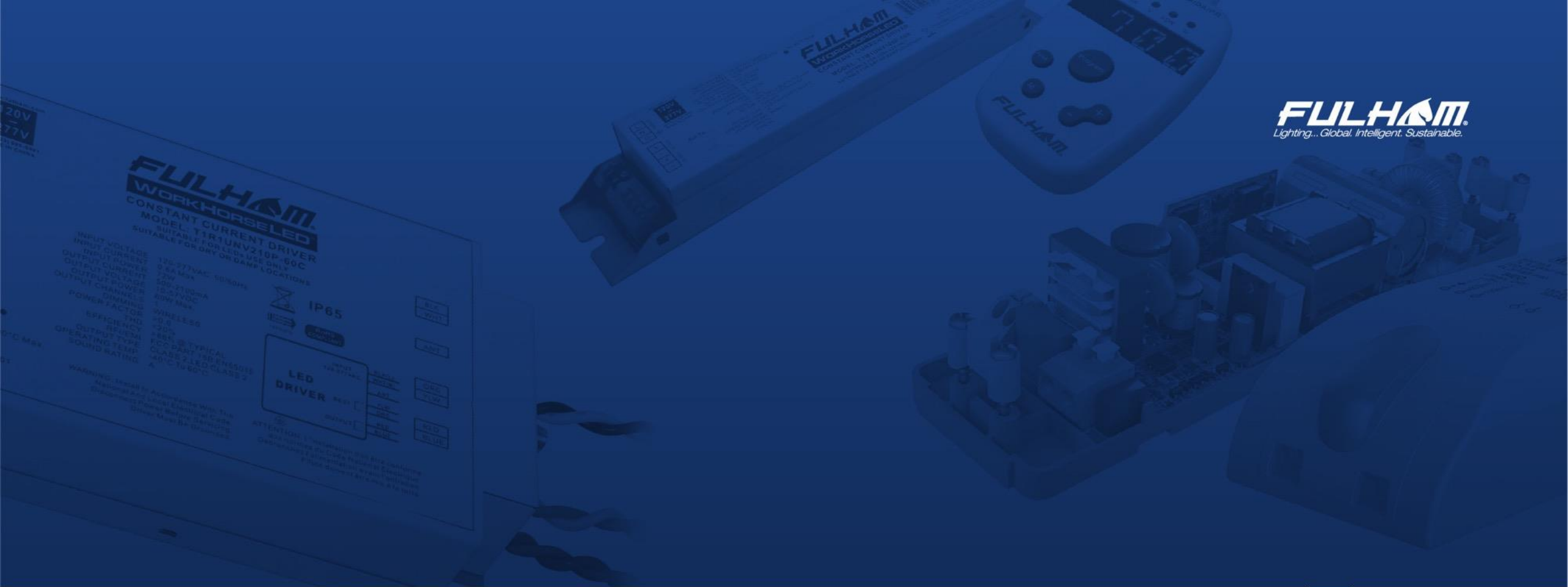
Our Experience – Indoor

- Sensor, driver and room switches speak BLE mesh

- Sensors can migrate out of luminaire if needed

- Mesh enables device to keep working if another device fails

Go for Simple – Consistent - Flexible

Thank You

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