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MAKING TRACKS, BUILDING TRUST

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# Webinar Technology Watch

By

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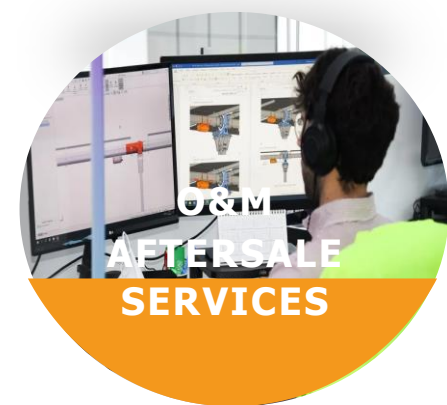
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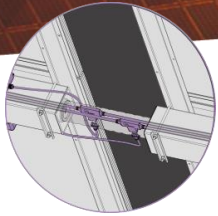
18/04/2023

# INTEGRATED PLAYER ALL-IN-ONE

## Vertical Integration

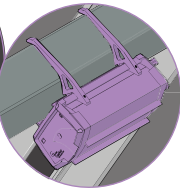
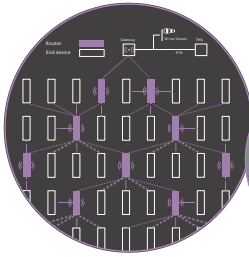
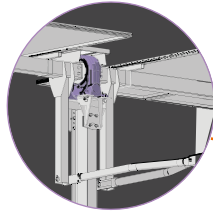






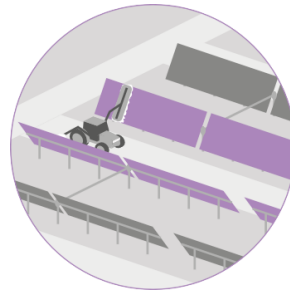
## FAST AND EASY

- ✓ **StringRunner** manages the PV source cabling
- ✓ Easier and faster installation, similarly to the SF7
- ✓ **5%** Less piles than standard competitor
- ✓ **75%** Labor time reduction



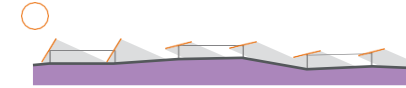
## SMART

- ✓ Innovative Open Thread mesh network, **Full Wireless** system
- ✓ Unique **Internet of Things** (IoT) technology enabled (functions without repeaters)
- ✓ **TMS**: Tracker Monitoring System incorporated for full PV plant control
- ✓ **Diffuse Booster** optimization for low light conditions



## FACE-2-FACE

Face-2-Face positioning helps washing vehicles cover twice the array-area per vehicle pass, thus proportionately reducing the hours-per-MW washing rate



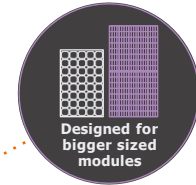
## TEAMTRACK™

with NREL's Solar Position Algorithm

Energy gain with comprehensive control system designed to maximize solar panel productivity, including asymmetric backtracking, Diffuse Booster, and meteorological control.

## ROBUST

- ✓ Specially designed for larger **72** and **78** cell modules
- ✓ **Dy-Wind**: most advanced tracker wind design methodology



**Smaller profile** for a visually less intrusive solar array

## COST-EFFECTIVE WITH OPTIMIZED INSTALLATION & OPERATION

- ✓ Near Field Communication (NFC) at tracker level and Full Wireless Network at plant level, provide robust and cost-effective communication and control operations
- ✓ Self-Powered with dedicated module, for lower cost-operational power supply



# Thank You!



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