

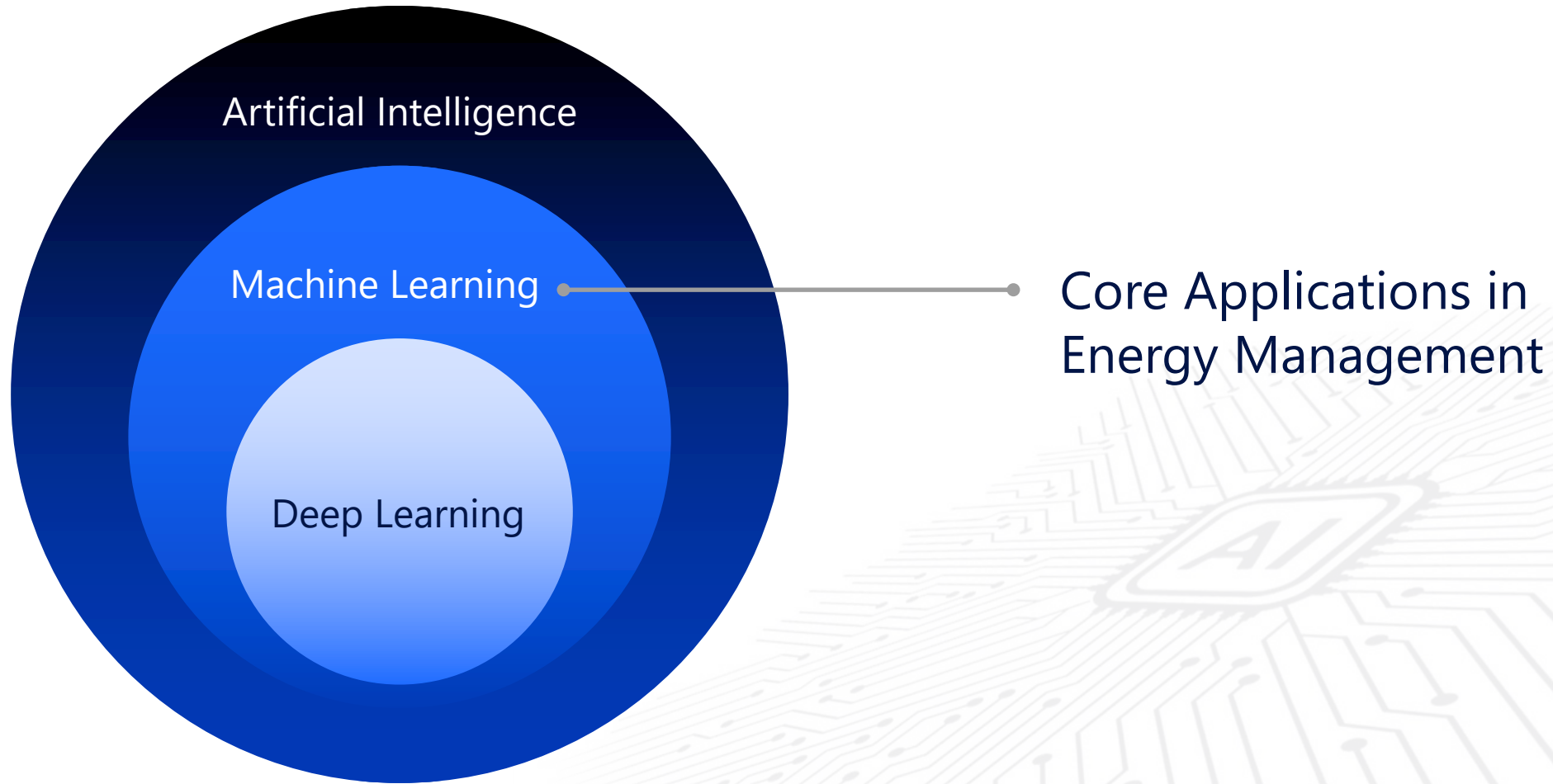


# AI for Energy Management

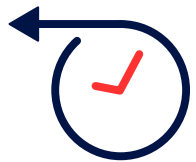
Presentation for PV Magazine

Karl Viertel | SolarEdge Consulting

# Energy Data and Artificial Intelligence



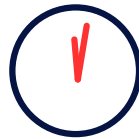
# Questions AI can Answer for Energy Management



**Past**



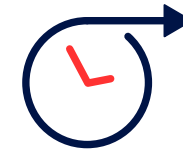
How can we fill gaps in historical consumption data?



**Present**



How can we use energy in an optimal way?



**Future**



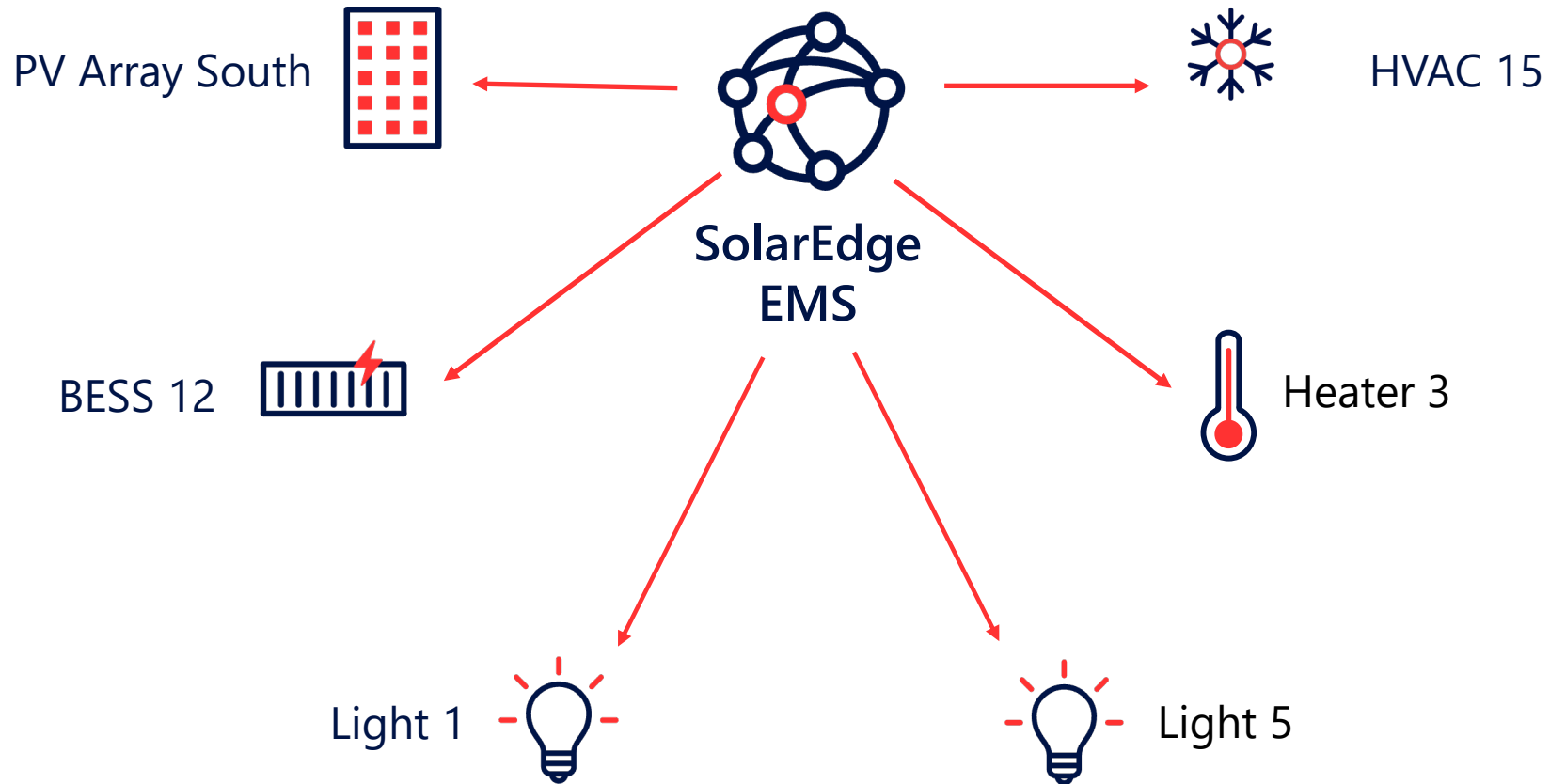
What will my energy demand be in the future?

# Example: Filling Consumption Profiles



How can we fill gaps in an annual consumption profiles for a logistics warehouse?

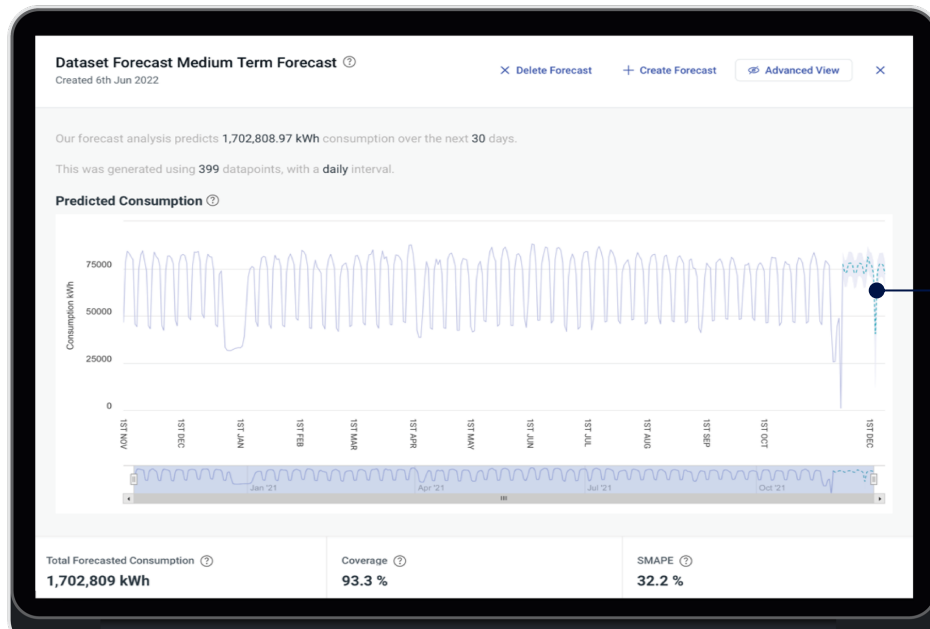
# Example: Asset Labelling



# Example: Dynamic Alerting



# Example: Forecasting Energy Demand



Forecasted energy demand

# Success Factors

## Easy Connectivity



Enable data collection through simplified device inclusion.

## End To End Approach



Connect the benefits along your journey.

## Fast Iteration



Find use cases, trial, benefit, repeat.



# Thank You

## Cautionary Note Regarding Market Data & Industry Forecasts

This power point presentation contains market data and industry forecasts from certain third-party sources. This information is based on industry surveys and the preparer's expertise in the industry and there can be no assurance that any such market data is accurate or that any such industry forecasts will be achieved. Although we have not independently verified the accuracy of such market data and industry forecasts, we believe that the market data is reliable and that the industry forecasts are reasonable.

Version #: V.1.0

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