



SHIFTING THE LIMITS

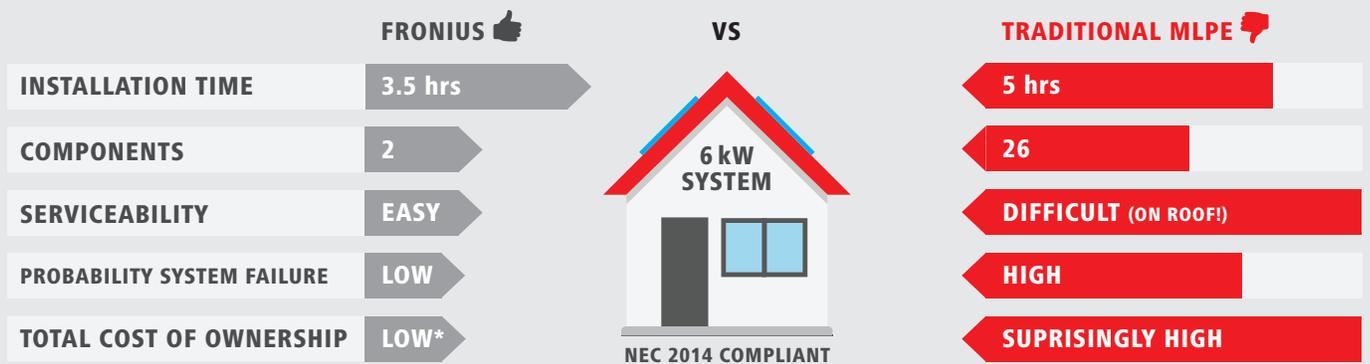
THINKING BEYOND CURRENT NEC REQUIREMENTS

/ Fronius is driving industry standards for freedom of choice

/ Ever-changing code requirements call for new solutions to ensure both highest safety and affordable systems. Since 1992 Fronius has not only been adapting to codes and requirements but has been driving solar industry standards and will continue to do so. Today, many installers choose traditional Module Level Power Electronics (MLPE) such as power optimizers or micro-inverters. MLPE fulfill current code requirements, due to their nature. However, they have significant downsides.

MAKE THE BEST CHOICE FOR YOU AND YOUR CUSTOMER

/ 90% of systems simply do not require module level optimization, so there is no reason to add the complexity, cost and labor of traditional MLPE to these systems. In these cases traditional MLPE even cause energy loss due to their high number of components. When optimization is needed, we believe in cost-effective cell-string optimization.



* For more information check out our online PV System Lifecycle Cost Calculator: www.fronius.com/PVSLCC

NEC 2014 AND BEYOND

/ We offer the easiest to install, safest and most affordable NEC 2014 compliant rapid shutdown solution:

/ Easiest to install: the Fronius Rapid Shutdown Box is directly connected to the inverter through the same conduit as the DC home runs.

/ Safest: enhancing rooftop and firefighter safety.

/ Most affordable: minimizes the number of components and requires no additional power supply.

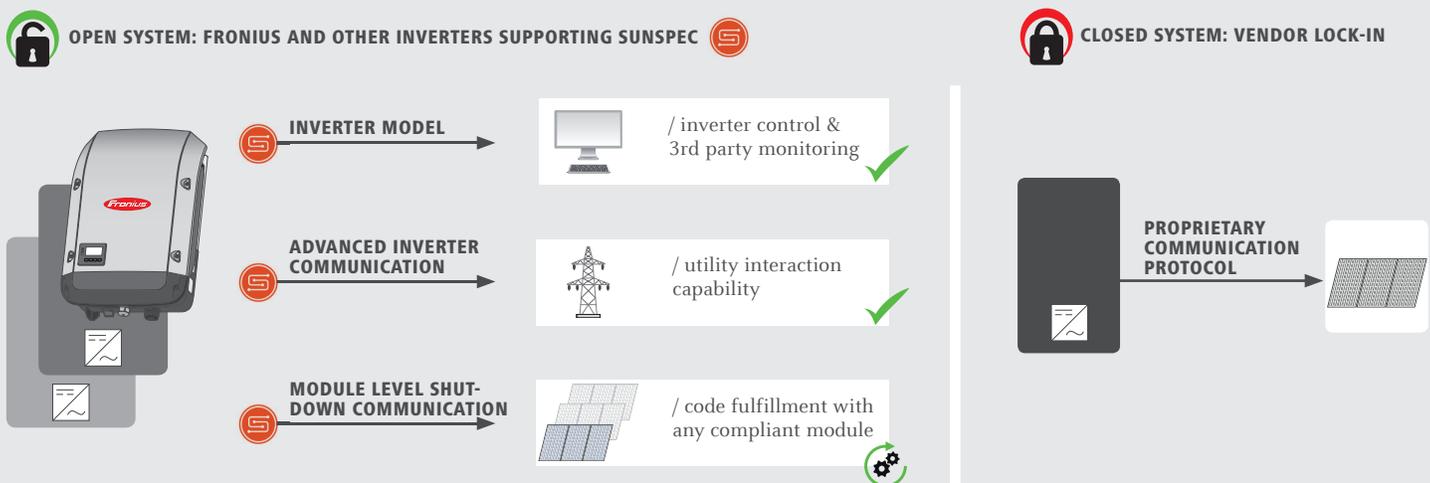
THE FRONIUS ROADMAP FOR NEC 2017 AND BEYOND

/ We at Fronius are driven by finding energy solutions to technical challenges and have been doing so for more than 70 years. Our track record proves that our products have been best in class at their time. As a solar pioneer, we have been driving the evolution of sustainable solar solutions for the past 25 years. Only sustainable, truly future-proof solar solutions will lead us to our vision of an energy future powered 100% with renewables - a world of 24 hours of sun.



NEC 2017 AND BEYOND

/ Fronius is a founding member of the SunSpec Communication Signal for Rapid Shutdown Workgroup. We strongly believe in industry standards and innovation to drive down cost and allow customer choice. We do not support proprietary, closed systems. We strive to provide our customers state-of-the-art open systems that offer freedom of choice in components.



/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,700 employees worldwide, we shift the limits of what's possible - our record of over 800 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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