



# TIPS

## FOR A SUCCESSFUL INSTALLATION

We would like you and your customer to get years of productivity from your weighing system(s). Please review the following prior to your system's installation and/or calibration.

### REQUIRED EQUIPMENT AND DOCUMENTATION

These items are required in preparing for installation, configuration, simulated calibration, pre-calibration, or final calibration for MSI scales and systems.

- Laptop  
*(with MSI Configuration Program downloaded)*
- Product specific serial cables
- Tripplite USB to serial converter cable
- Manual(s)  
*Available in digital and physical formats to assist technicians during installation, set up, calibration or troubleshooting.  
Visit [www.ricelake.com/manuals](http://www.ricelake.com/manuals)*
- Load cell simulator
- System schematic (optional)  
*(supplied by request at time of order)*
- Test weights for calibration and weight verification  
*(required for integrated systems)*

### BEST PRACTICES FOR A SUCCESSFUL AND TIMELY INSTALLATION

- Power on the electronics before installation to ensure basic functionality.
- Review the manual(s) prior to the system installation to familiarize yourself with the set up/calibration.
- Perform a configuration of your weighing system, before attempting it on-site.
- Was your system factory calibrated?  
*Perform a simulated calibration prior to installation to test the calibration of your system.*
- Leave a serial cable at the customer site for troubleshooting at a later date.

### TROUBLESHOOTING TIPS FOR PROBLEMS DURING INSTALLATION

- Consult system optional schematic for wiring and check all connections
- Ensure proper grounding of all components
- If experiencing communication errors:
  - Evaluate RF distance and antenna locations
  - Ensure line-of-sight
  - Locate sources of radio transmissions  
*For example: crane remotes, WiFi modems, competing RF weighing systems*
- Perform an RF site survey *(rental available)*
- Request on-site support from a factory representative
- Document your system by recording all networks, IDs, serial numbers, and/or print strings associated with your system to assist with MSI phone support



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800-472-6703 • [prodinfo@ricelake.com](mailto:prodinfo@ricelake.com)  
[www.ricelake.com](http://www.ricelake.com)

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