



EdgeScout

REMOTE MONITORING



Overall Equipment Effectiveness

Using OEE to Improve Performance with EdgeScout



RRAMAC
CONNECTED SYSTEMS

Benefits of OEE and EdgeScout



Informative



Accessible



Secure



Connected



Hosted



Affordable



Customized

OEE and EdgeScout

When customer orders start to exceed the current production capacity, many manufacturers will increase capacity by upgrading the current equipment or installing additional production lines. Before laying out the capital to add or upgrade current equipment, why not make sure you are getting the maximum output from your existing equipment?

Overall Equipment Effectiveness (OEE) has been around for decades and is widely accepted as the most effective method for measuring and improving productivity. But for the most part, OEE has been implemented only in very large production facilities because traditional software is expensive and requires a great deal of time and skill to install, configure and maintain.

By leveraging RRAMAC's expertise and existing infrastructure, an EdgeScout OEE system can be customized to your specific machines or production lines for a fraction of the cost of traditional OEE with full functionality within a few weeks.

OEE is calculated by multiplying Availability, Production Rate and Quality - all expressed as a percentage:

- An OEE score of 85% is considered world-class for most discrete applications.
- An OEE score of 60% is fairly typical
- An OEE score of 40% is not at all uncommon for companies that have not started measuring OEE

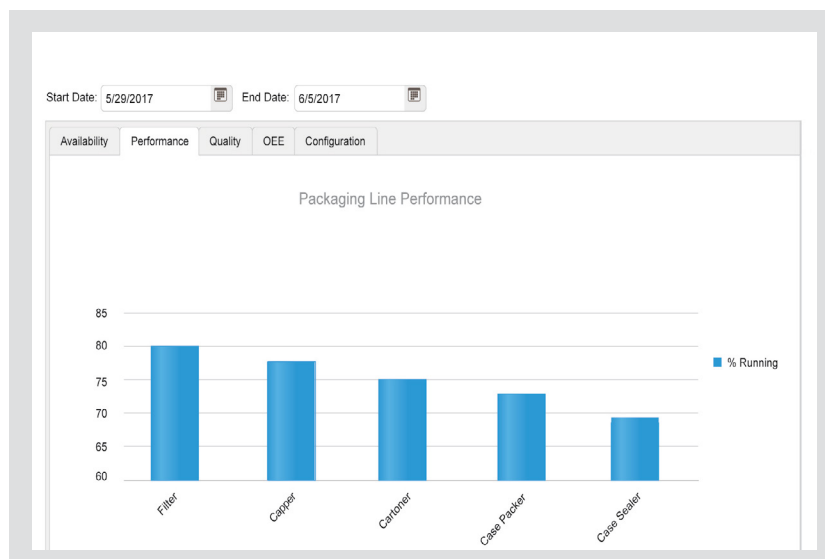
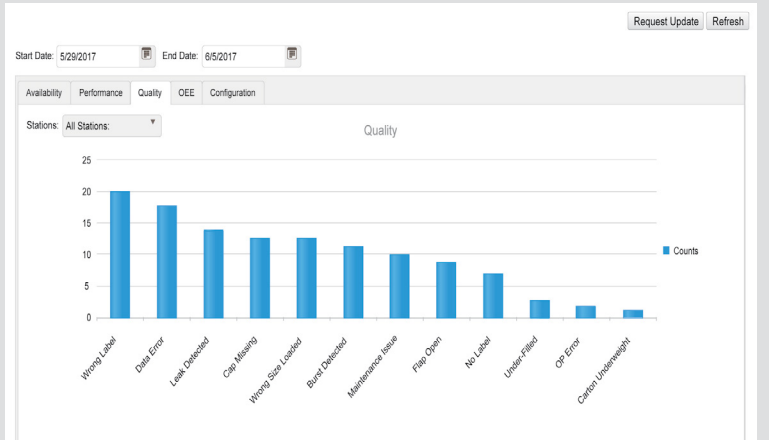
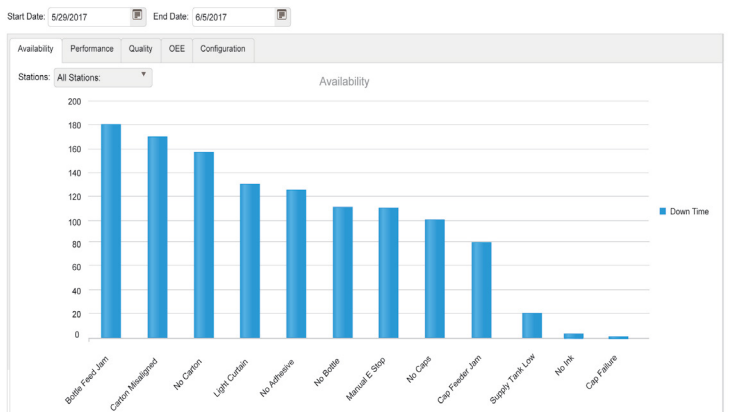
In most cases EdgeScout OEE can connect to your existing controllers, HMI, SCADA or data logs. If your facility is not automated, then data can be collected by networked sensors and manual inputs. Once you know your OEE score, you may find that increasing capacity by 30, 50 or even 100% may be a real possibility without adding or replacing existing production lines.

Availability & Configuration

- One time setup and configuration fee
- Low annual fee per production line
- No added fees for additional users
- Manual input options
- Cellular, Wifi or LAN connections
- Data from PLCs, SCADA, operator panels or log files
- No software to install or database to maintain
- Optional onsite hosting
- Encrypted data, two factor authentication and security certificates

Performance & Quality

- Server based
- Unlimited data storage and unlimited users
- Configured to your lines and equipment
- Branded URL, logos, fonts and colors
- Branded mobile apps
- Measure quality, productivity and availability
- Benchmark performance
- Identify bottlenecks
- Track improvements
- Compare production sites



Connectivity is Easier Than You Think

EdgeScout is a turnkey remote monitoring solution hosted by RRAMAC. Since there are no PC's to purchase, no software to install, and no code to write, you can get started quickly without a major investment. For an initial setup fee and annual subscription, your data will be stored on our tier level 3 servers with redundant power and automatic backups. You have full control of the access to your data with two factor authentication and full audit trails.

Are you ready to get connected?


EdgeScout
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