Drishti Trace allows you to use live and recorded video from every station to improve assembly line quality and productivity.

Use cases

- **Remote visibility**
  Observe lines from anywhere in the world. Enables remote collaboration and facilitates social distancing.

- **Video-based training**
  Use video in classroom training and on the line. Educate operators faster. Use “instant replay” to see and learn from past performance.

- **Video root cause analysis**
  Identify root cause using video evidence. Faster and more definitive than traditional investigatory methods.

- **Collaboration & knowledge sharing**
  Video is a powerful collaboration tool. Use it to syndicate best practices, speed NPI and share best practices across sites.

- **Video “birth certificates”**
  Serial number search returns videos of assembly from each station. A “bill of process” to complement the bill of materials.

- **Rapid time studies**
  Annotate timing data on top of any recorded video to make kaizen faster and more frequent.

Learn more: Contact sales@Drishti.com or your Drishti Continuous Improvement Advisor

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Features of Drishti Trace

Genba view
- Live streaming video from every camera, available anywhere
- No-click recording and storage
- "Rewind" to replay by date, time, location, etc.

Video search and share
- Search by date, time, tag, product, other metadata
- Search by serial number with MES integration in place
- Sort results by closest to mean, longest cycle, etc.
- Share videos and playlists with any Drishti user

Video tagging
- Tag any video segment for searching or categorization.
- Create custom or choose from pre-defined set of tags.

Video training for operators
- Build video sets and playlists for training purposes.
- Compare videos side-by-side to identify non-standard practices.
- Rapidly build instructional content for classroom settings.
- Share curated content for 1:1 operator guidance.

Video annotation
- Add timing data on top of any stored video, far faster than traditional methods, free of observation bias.
- Output your data — line balance, Yamazumi, histograms, and raw data formats.
- Share videos and charts with other Drishti users.

Users and benefits

For Quality Engineers:
- Identify defects and analyze root cause using video evidence — faster and greater accuracy than with traditional methods.
- Identify appropriate countermeasures to reduce defects with less effort and expense.
- Respond to customer claims using video evidence for faster resolution and greater transparency.
- Improve collaboration with internal stakeholders by sharing videos and findings.

For Management:
- Improve visibility into line activities.
- Review past and present activities from any location.

For Trainers and Line Managers:
- Ramp operators faster using video as a teaching tool.
- Avoid arguments about blame and fault with video as objective evidence.
- Improve line morale by enabling operators to share evidence of new ideas.

For Process and Industrial Engineers:
- Perform time studies faster, with no observation bias.
- Use remote visibility to mitigate the need to travel for the line.
- Measure incidental timings on demand, without waiting for changeovers or materials loading.

Requirements

- Unobstructed view of the work area at each station.
- Minimal occlusion by operator movements.
- Camera mounting to minimize vibration.
- Drishti provides firewall, switches, cameras and in-station feedback hardware.
- Customers provide necessary installation services following Drishti’s guidance.

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