

Summary

TransTech Connect is a comprehensive data management platform that eliminates clipboards and errors in asphalt density testing. Designed specifically for paving teams, it streamlines measurement collection, analysis, and reporting while ensuring compliance and quality control.

Why TransTech Connect?



One Source of Truth: All density measurements in one secure cloud location. No more scattered files or lost data.



Auto-Sync with Partners: Data flows directly to OnStation and other platforms. Zero manual entry, zero errors.



Eliminate Manual Recording: Scan QR codes to capture measurements instantly. Field crews focus on testing, not paperwork.

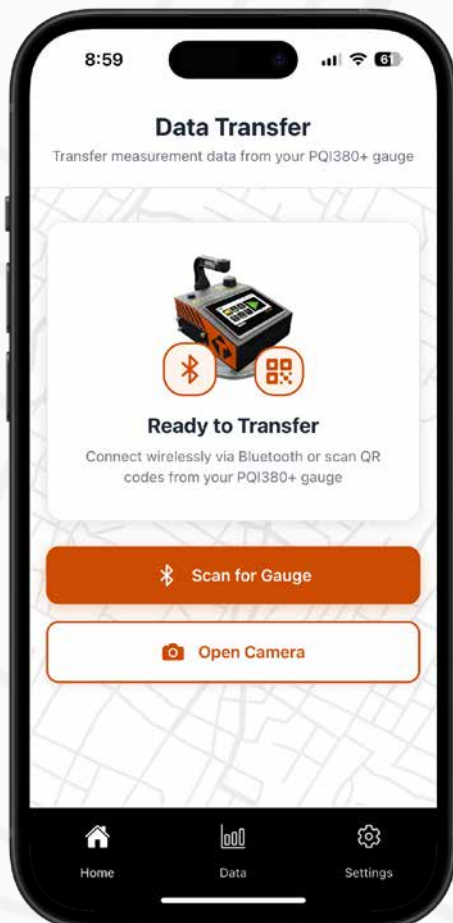
PQI 380+ ➤ Bluetooth

Use the TransTech Connect Mobile App to retrieve measurements from your PQI 380+ gauge.

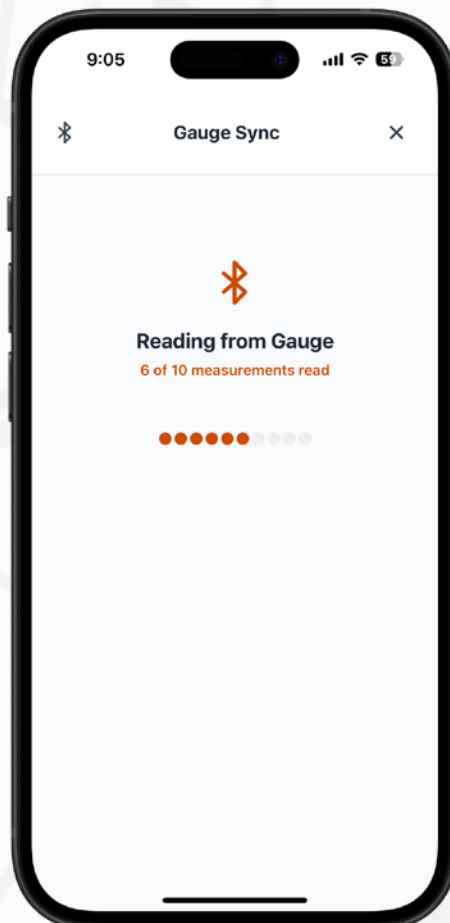
- ✓ Supports single and bulk export
- ✓ Zero manual entry required
- ✓ Automatic GPS tagging
- ✓ Real-time data visibility



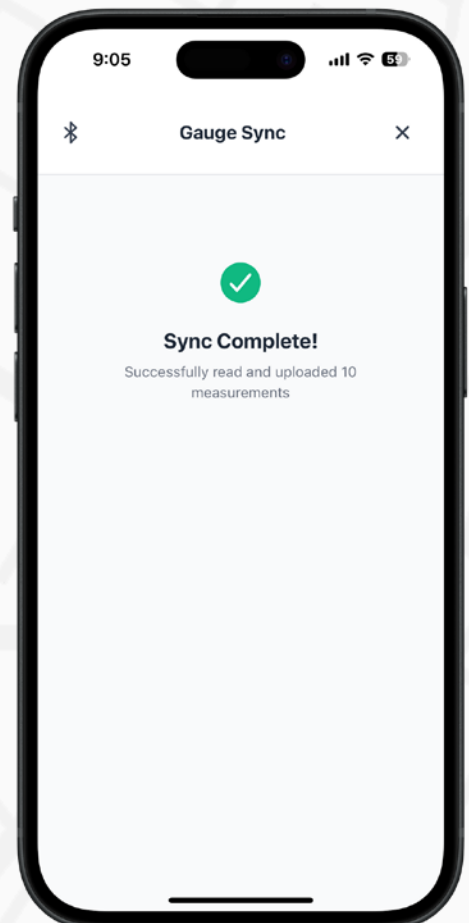
SCAN FOR GAUGE



APP BEGINS READING



UPLOAD TO CLOUD



PQI 380+ ➤ QR Code

Use the TransTech Connect Mobile App to scan a QR code from your PQI 380+ gauge.

- ✓ Instant data transfer
- ✓ Zero manual entry required
- ✓ Automatic GPS tagging
- ✓ Real-time data visibility



HOW IT WORKS

1

Take measurements with PQI 380+ Gauge.

2

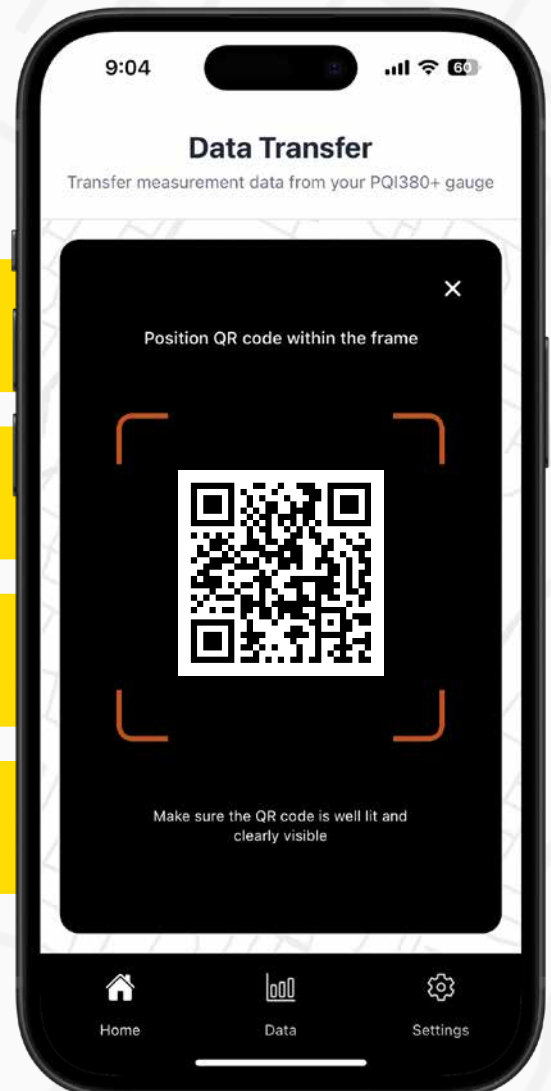
View QR code on gauge display.

3

Scan QR code with Connect App.

4

Add notes, photos, and complete.



PQI 380 with Bulk Import

For teams with standard PQI 380 gauges, export density data via CSV and upload to the TransTech Connect platform.

- ✓ Works with existing PQI 380 gauges
- ✓ Simple CSV file uploads
- ✓ Batch processing capabilities
- ✓ Full data management features



How It Works:

1. Take measurements with your PQI 380 gauge
2. Export data as CSV to gauge USB
3. Upload file to TransTech Connect
4. Access and analyze your data

Upload Measurements

Import new data from a TransTech PQI gauge.

11997 Measurements Left This Cycle

Upload File

Select an un-edited .pqidat file from your gauge.

Validate Data

We check for corrupted rows and valid data formats.

Prevent Duplicates

New data is checked against existing records.


Confirm & Import

Review the list of new measurements and approve.

	DATE / TIME	COMPACTION (%)	DENSITY	SURF TEMP	DESCRIPTION	LOCATION	STATION	OPERATOR	GPS
✓	08/12/15 11:12	101.5598	129.9966	93.2	NB LANE	My Road	ARAPAHOE CO	RYAN	✓
✓	08/12/15 11:14	99.20868	126.9871	93.2	NB LANE	My Road	ARAPAHOE CO	RYAN	✓
✓	08/12/15 11:18	98.6449	126.2655	91.4	NB LANE	My Road	ARAPAHOE CO	RYAN	✓
✓	08/12/15 11:21	100.2477	128.3171	93.2	NB LANE	My Road	ARAPAHOE CO	RYAN	✓
✓	08/12/15 11:22	96.86877	123.992	95.8	NB LANE	My Road	ARAPAHOE CO	RYAN	✓

Show More (15 remaining)

Cancel

Upload 20 Records 

FEATURE HIGHLIGHT



Visualize

See all your asphalt density measurements in real-time on interactive maps. Filter by date, project, or measurement type for complete visibility.

- ✓ Interactive heatmap visualization
- ✓ GPS-tagged measurements
- ✓ Measurement sequence tracking
- ✓ Real-time data synchronization



Project Mapping

Organize measurements into logical projects using our smart map process with geofencing. Automatically assign measurements to the correct project.

- ✓ Automated geofencing
- ✓ Central data storage
- ✓ Hold Project details
- ✓ Progress tracking



Analyze

Comprehensive analytics tools help you assess data for compliance with project specifications. Identify potential issues before they become problems.

- ✓ Compliance monitoring
- ✓ Statistical analysis tools
- ✓ Customizable thresholds
- ✓ Trend identification



Distribute

Share your data seamlessly with stakeholders through our partner integrations. Export to OnStation and other platforms with just a few clicks.

- ✓ OnStation integration
- ✓ PDF report generation
- ✓ CSV/Excel exports
- ✓ Secure data sharing

Send to OnStation

Sending measurements to - Project OnStation (TX)

Description	Density	Compaction	Surface Temp	Local Time	Status
TTech Test 12	146.4	95.2	274.9	2/26/2025, 9:32:00 AM	✓
TTech Test 11	148.2	96.2	244.6	2/26/2025, 9:31:00 AM	✓
TTech Test 10	148.6	93.7	247.1	2/25/2025, 9:30:00 AM	⌚

Cancel

REPORT GENERATION

Generate polished PDF summaries for owner sign-off.

- Saves hours of spreadsheet work
- Instant professional reports
- Great for daily performance snapshots

COMPACTION REPORT



Report ID: RPT-371170

Generated: 6/13/2025

PROJECT INFORMATION

Project Name: Strathcona County
Description: Auto-created via Smart Map
Date Range: 6/16/2017 - 6/17/2017
Total Measurements: 98

SITE MAP

Note: Not all measurements are shown on the map due to



QUALITY CONTROL SUMMARY

Attribute	Average	Pass Rate	Pass	Fail	Out of Range
Compaction	98.8%	100.0%	98	0	0

QUALITY THRESHOLDS

Parameter	Minimum (Pass)	Maximum
Compaction (%)	>= 92.0	N/A

OPERATOR SUMMARY

Operator	Count	Avg Compaction	Pass Rate
Jake Valinor	98	98.8%	100.0%

DETAILED MEASUREMENTS

Ordered Newest to Oldest

#	Operator	Density	Compaction	Temp	Date	Time	Status
1	Jake Valinor	2335.8	99.0	45.0	6/17/2017	01:57 AM	PASS
2	Jake Valinor	2349.2	99.5	42.0	6/17/2017	01:56 AM	PASS
3	Jake Valinor	2337.8	99.1	43.0	6/17/2017	01:56 AM	PASS
4	Jake Valinor	2351.7	99.6	43.0	6/17/2017	01:55 AM	PASS
5	Jake Valinor	2333.2	98.9	38.0	6/17/2017	01:55 AM	PASS
6	Jake Valinor	2321.8	98.4	54.0	6/17/2017	12:46 AM	PASS
7	Jake Valinor	2332.1	98.8	53.0	6/17/2017	12:46 AM	PASS
8	Jake Valinor	2330.7	98.8	56.0	6/17/2017	12:45 AM	PASS
9	Jake Valinor	2338.0	99.1	54.0	6/17/2017	12:45 AM	PASS
10	Jake Valinor	2340.0	99.2	57.0	6/17/2017	12:36 AM	PASS