

SPEKTRA®

A TRIMBLE COMPANY

19 Aprile 2024
Piacenza - CIG

Spektra a Trimble Company

Tecnologia in campo:
lastre in calcestruzzo 5.0



I vantaggi della connected construction



Connected construction can reduce:



Engineering hours by
10-30%



Build costs by
5-10%



Operating costs by
10-20%



Decommissioning hours by
10-30%

Workflow Concrete Paving



Rilievo



**Analisi
Dati**



**Costruzione -
Machine control**



Monitoraggio

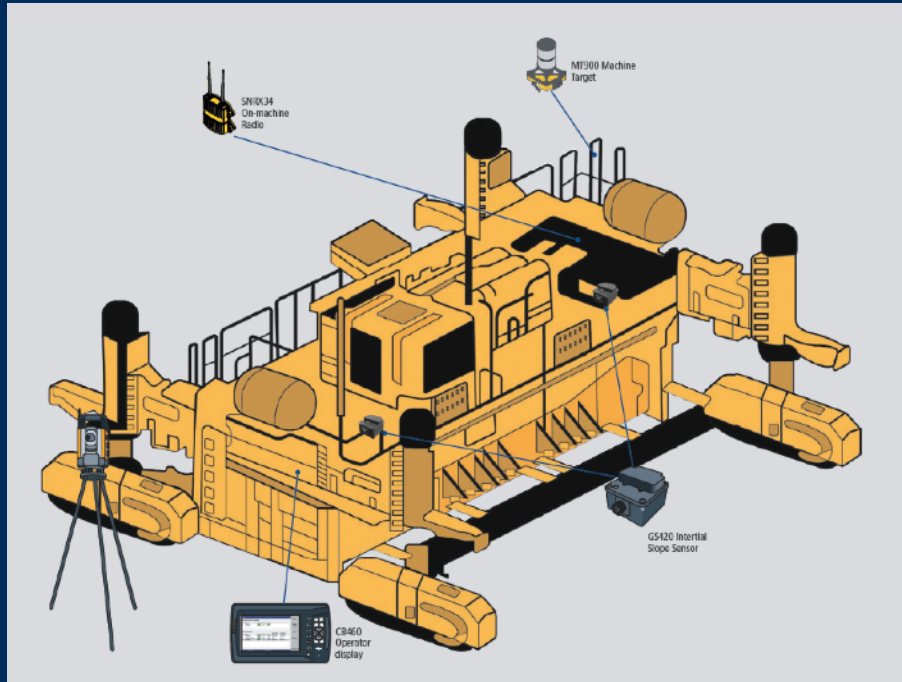


**Asset Management
-
Condivisione
Cloud**



Case history: Aeroporto di Bergamo

Architettura del sistema



3 stazioni robotiche

Prisma attivo MT900

Radio on-machine

Slope Sensor GS420

Display Operatore CB430

Software Paving PCS900

Case history: Aeroporto di Bergamo

Machine control con Guida semiautonomia



Case history: Aeroporto di Bergamo

Controllo in quota



Case history: Aeroporto di Bergamo

Precisione data logging



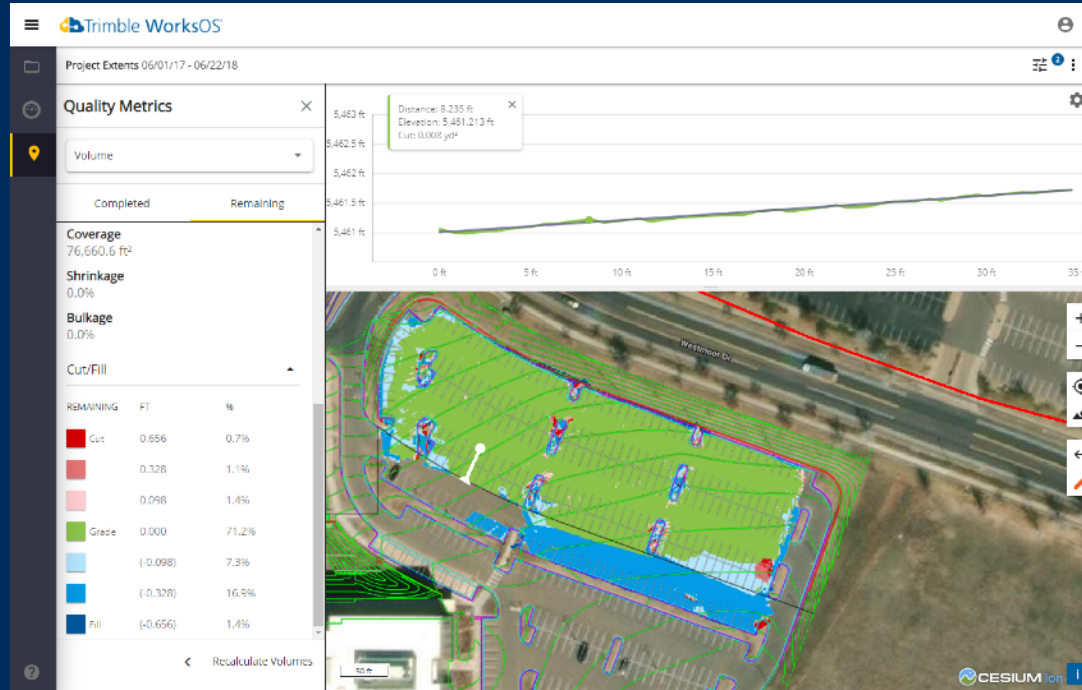
Case history: Aeroporto di Bergamo

Verifica e collaudo



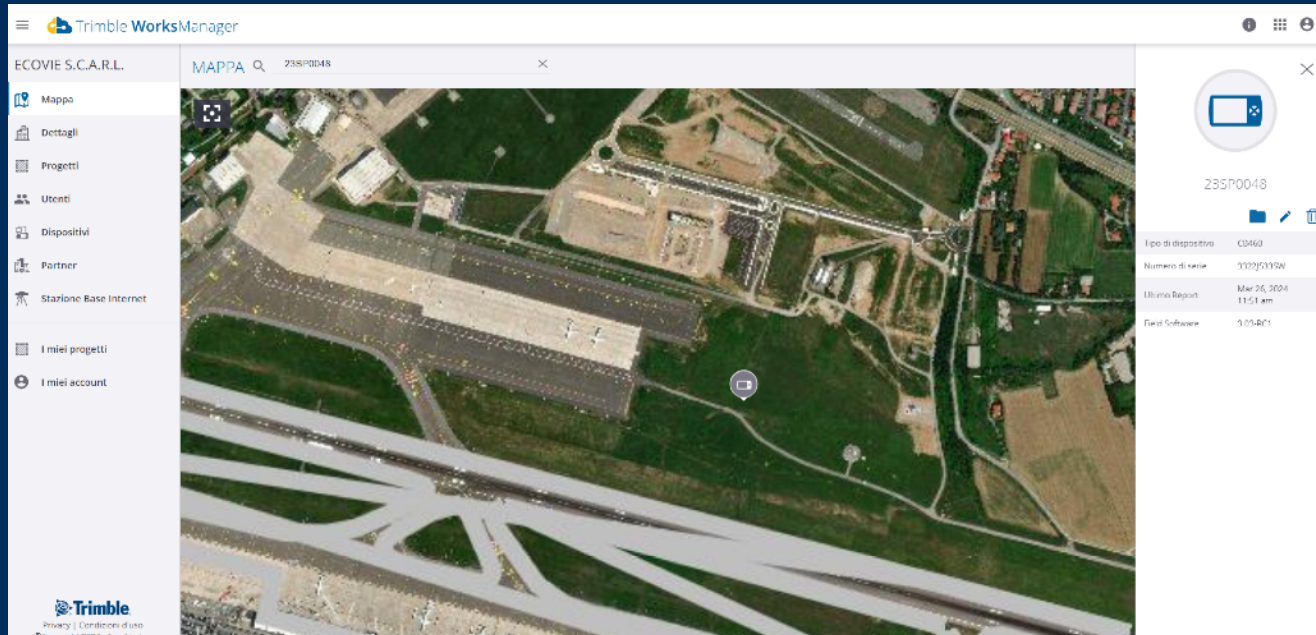
Case history: Aeroporto di Bergamo

WorksOS



Case history: Aeroporto di Bergamo

WorksManager



The screenshot displays the Trimble WorksManager web application interface. The main content area shows an aerial satellite map of the Bergamo Airport construction site, with a search bar at the top containing 'MAPPA' and '235P0048'. A sidebar on the left provides navigation options: Mappa, Dettagli, Progetti, Utenti, Dispositivi, Partner, Stazione Base Internet, I miei progetti, and I miei account. The bottom left corner features the Trimble logo and a link to 'Privacy | Condizioni d'uso'. On the right side, a panel displays the device ID '235P0048' and a table of device details.

| Info | Value |
|---------------------|-----------------------|
| Nome di dispositivo | CD463 |
| Numero di serie | 53225332W |
| Ultimo Report | Mar 26, 2024 11:51 am |
| Tipi Software | 5.05-RC1 |

Case history: Aeroporto di Bergamo

Report IRI

| Start Station | End Station | Length (ft) | Average IRI (in/mile) | Average Pri (in/mile) | Road (Finish) | |
|---------------|-------------|---------------|-------------------------|-------------------------|-----------------|-----------------|
| | | | | | IRI (in/mile) | Pri (in/mile) |
| 10+10.70 | 10+33.46 | 14.764 | 0.149 | 0.000 | 0.149 | 0.000 |
| 10+33.46 | 10+48.23 | 14.764 | 0.162 | 0.000 | 0.162 | 0.000 |
| 10+48.23 | 10+62.99 | 14.764 | 0.099 | 0.000 | 0.099 | 0.000 |
| 10+62.99 | 10+77.75 | 14.764 | 0.115 | 0.000 | 0.115 | 0.000 |
| 10+77.75 | 10+92.52 | 14.764 | 0.167 | 0.000 | 0.167 | 0.000 |
| 10+92.52 | 11+07.28 | 14.764 | 0.119 | 0.000 | 0.119 | 0.000 |
| 11+07.28 | 11+22.05 | 14.764 | 4.471 | 0.000 | 4.471 | 0.000 |
| 11+22.05 | 11+36.81 | 14.764 | 4.430 | 0.000 | 4.430 | 0.000 |
| 11+36.81 | 11+51.57 | 14.764 | 1.514 | 0.000 | 1.514 | 0.000 |
| 11+51.57 | 11+66.34 | 14.764 | 1.474 | 0.000 | 1.474 | 0.000 |
| 11+66.34 | 11+81.10 | 14.764 | 0.547 | 0.000 | 0.547 | 0.000 |
| 11+81.10 | 11+95.86 | 14.764 | 0.482 | 0.000 | 0.482 | 0.000 |
| 11+95.86 | 12+10.63 | 14.764 | 0.181 | 0.000 | 0.181 | 0.000 |
| 12+10.63 | 12+25.39 | 14.764 | 0.156 | 0.000 | 0.156 | 0.000 |
| 12+25.39 | 12+40.16 | 14.764 | 0.113 | 0.000 | 0.113 | 0.000 |
| 12+40.16 | 12+54.92 | 14.764 | 0.825 | 0.000 | 0.825 | 0.000 |
| 12+54.92 | 12+69.68 | 14.764 | 6.146 | 0.000 | 6.146 | 0.000 |
| 12+69.68 | 12+84.45 | 14.764 | 3.127 | 0.000 | 3.127 | 0.000 |
| 12+84.45 | 12+99.21 | 14.764 | 2.240 | 0.000 | 2.240 | 0.000 |
| 12+99.21 | 13+13.97 | 14.764 | 1.100 | 0.000 | 1.100 | 0.000 |
| 13+13.97 | 13+28.74 | 14.764 | 1.121 | 0.000 | 1.121 | 0.000 |
| 13+28.74 | 13+43.50 | 14.764 | 0.846 | 0.000 | 0.846 | 0.000 |
| 13+43.50 | 13+58.27 | 14.764 | 0.548 | 0.000 | 0.548 | 0.000 |
| 13+58.27 | 13+73.03 | 14.764 | 0.368 | 0.000 | 0.368 | 0.000 |
| 13+73.03 | 13+87.79 | 14.764 | 0.160 | 0.000 | 0.160 | 0.000 |
| 13+87.79 | 14+02.56 | 14.764 | 0.039 | 0.000 | 0.039 | 0.000 |
| 14+02.56 | 14+17.32 | 14.764 | 0.042 | 0.000 | 0.042 | 0.000 |