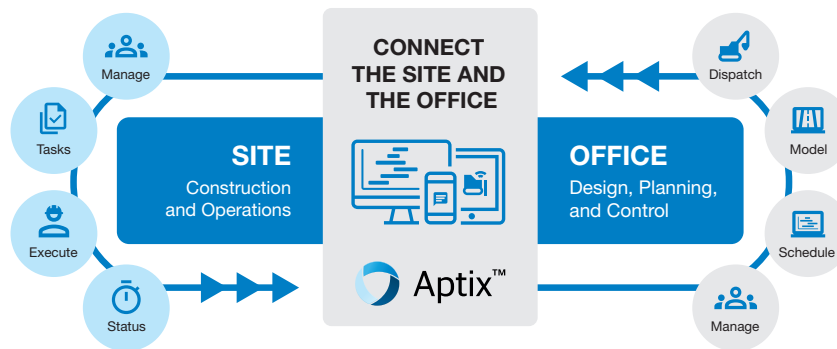# Integration Platform
Aptix™

Integrate applications and data sources, automate tasks, and orchestrate project data. Optimize your workflows and maximize your productivity during construction.
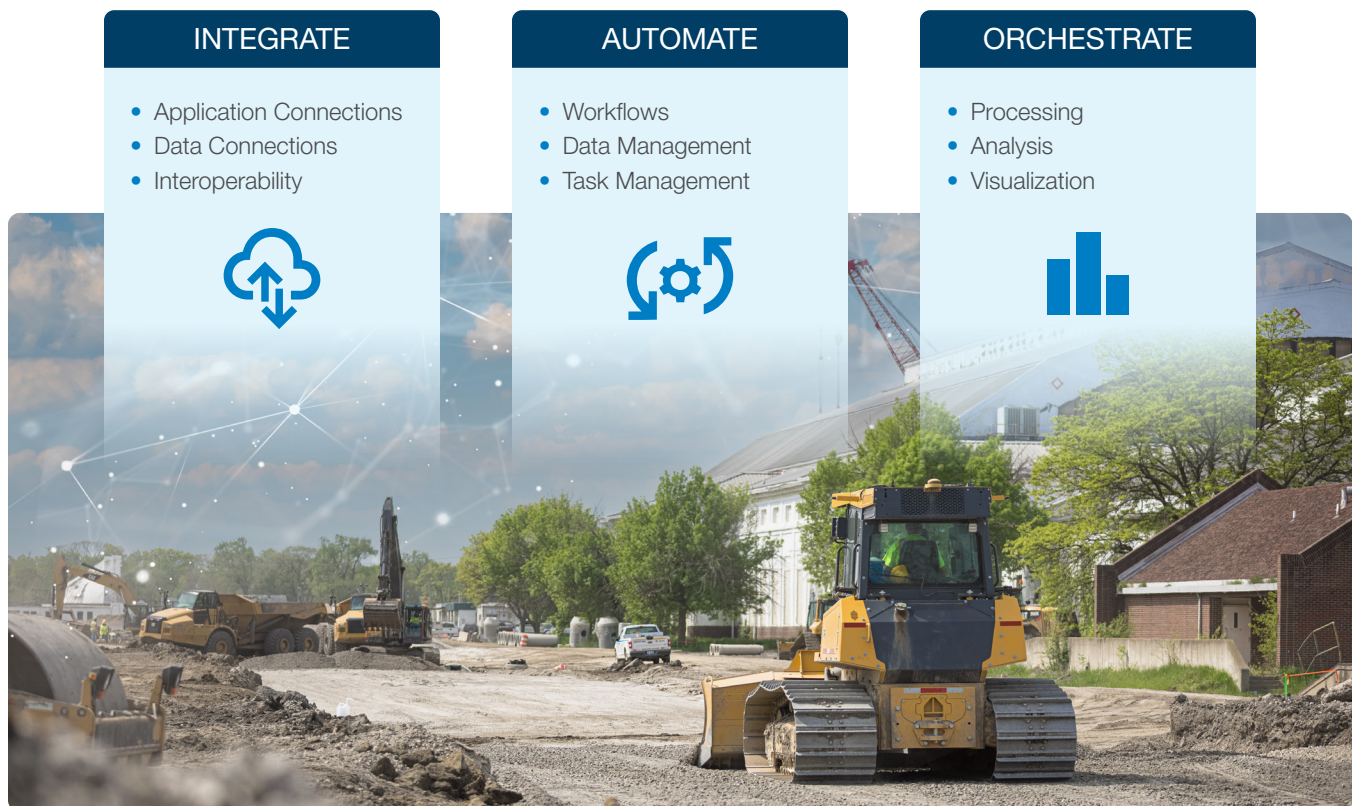
Aptix saves time and money

Automating today's manual processes of managing schedules, models, and telematics
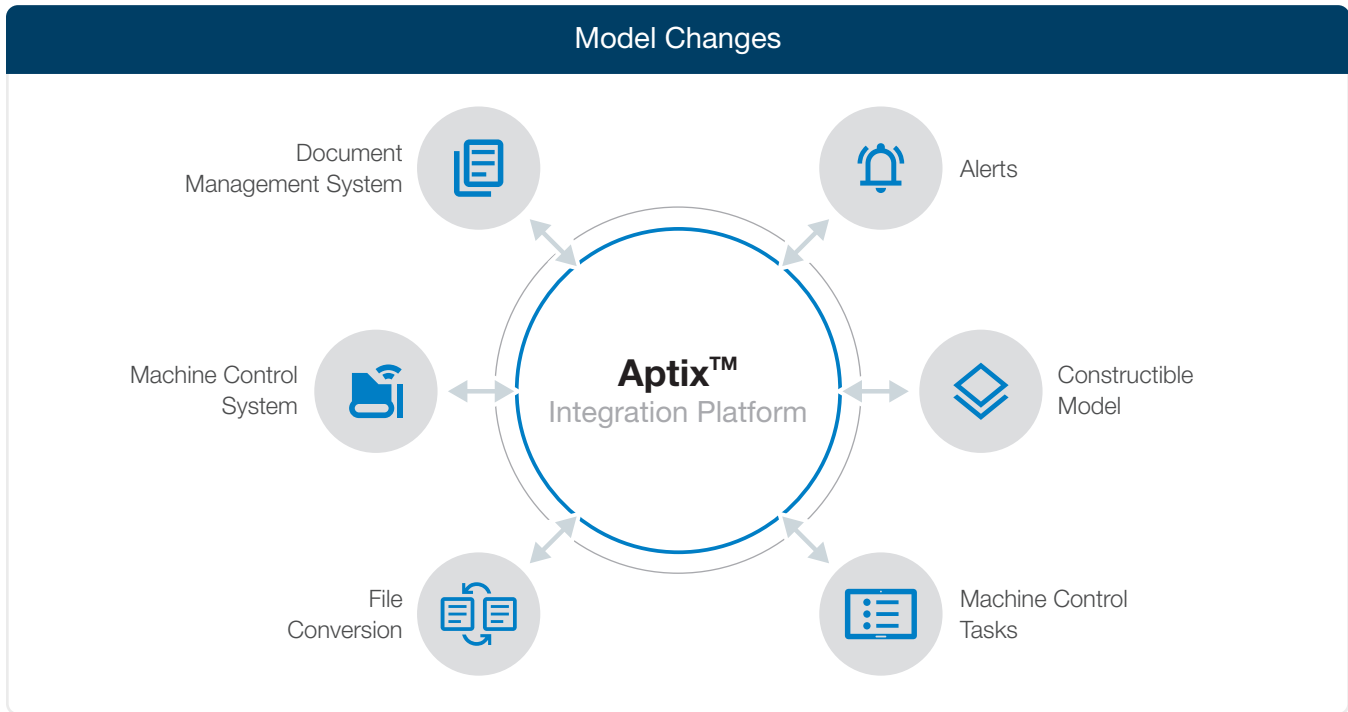
Aptix integrates applications, automates manual tasks into automated workflows and notifications, and orchestrates the project data into insightful visuals and dashboard reports. Connect applications and data to enable project insights that can be shared across the organization and subcontractors. Project teams gain access to real-time data for critical decision making ensuring the as-built is as-planned. Tasks and models are updated automatically on-site and in the office. The Aptix Integration Platform connects the office planning, scheduling, and design phases with site construction and operations. Aptix enables an open flow of data between the office and site.
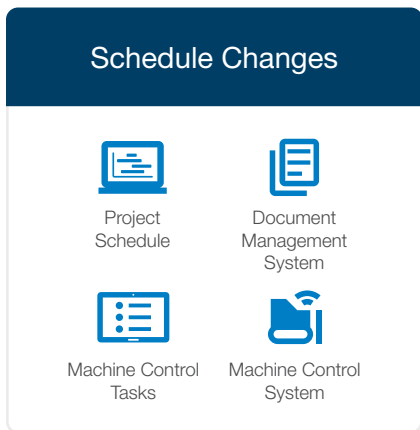

CONNECT THE SITE AND THE OFFICE

SITE Construction and Operations

Manage · Tasks · Execute · Status

Aptix™

OFFICE Design, Planning, and Control

Dispatch · Model · Schedule · Manage

How It Works

INTEGRATE
- Application Connections
- Data Connections
- Interoperability

AUTOMATE
- Workflows
- Data Management
- Task Management

ORCHESTRATE
- Processing
- Analysis
- Visualization

Aptix™ | Automating Workflows

Model Changes

Aptix™
Integration Platform

- Document Management System
- Alerts
- Machine Control System
- Constructible Model
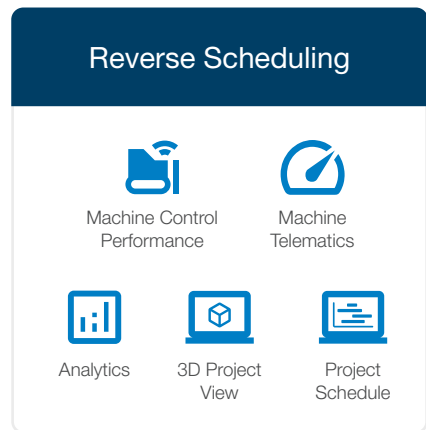- File Conversion
- Machine Control Tasks

Schedule Changes

- Project Schedule
- Document Management System
- Machine Control Tasks
- Machine Control System

Planned vs. Actual Reporting

- Project Schedule
- Machine Control Performance
- Analytics
- Machine Telematics
- 3D Project View

Reverse Scheduling

- Machine Control Performance
- Machine Telematics
- Analytics
- 3D Project View
- Project Schedule

Aptix Insights

Gain visibility into actual vs. planned project performance and monitor construction activity. Make critical data-driven project decisions through user-friendly dashboards available on PC, smartphones, and tablets. Project challenges become visible sooner, reducing risks, delays, and cost overruns. Operate more efficiently and profitably with Aptix.

View centralized company and project-centric dashboards by aggregating data from multiple applications, project owners, and subcontractors.

View user-friendly dashboards to visualize information critical to your project.

Improve productivity, minimize rework, and save time and money

Connect project data across products, disciplines, and teams

Optimize data flow between commonly used scheduling, modeling, and telematics applications

Automate productivity reports, minimize potential schedule conflicts, increase visibility on project status, and visibility of risk exposure

A single source of insightful views of project status

Automate distributed model and task change workflows

Automate workflows with data source validation, events, and alerts

Mixed Fleet Asset Tracking

The Site and Office connection enables telematics data from mixed fleet-connected machines to aggregate into asset-tracking dashboards. Any machine using telematic systems with Topcon Tierra® Blend+ is tracked in the Aptix company-wide and project-centric asset dashboard, reporting operator activity, fuel burned, task status, and many other valuable machine-focused data points.

blend+ TIERRA

- Bobcat
- BOMAG
- CASE
- CAT
- Doosan
- Hyundai
- JCB
- John Deere
- Komatsu
- New Holland

Sustainability

- As global emissions regulations impact project performance and awarded bonuses for achieving lower planned emissions, Aptix tracks equipment emissions of CO_2 for mixed equipment fleets in one common dashboard.
- Quickly identify which tasks, operators, and equipment models contribute the most to the overall project CO_2 emissions.

Aptix™

For more information about Aptix, contact us:
aptix@topcon.com

TOPCON

www.topconpositioning.com/aptix