

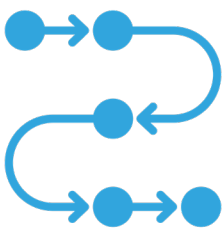
MAIOR and CleverCAD:

Connecting People, Planning, and Performance

MAIOR and CleverCAD work together to deliver a connected solution – integrating planning, AI-driven scheduling, and responsive workforce operations for smarter, more reliable transit service.



Data-Driven Decisions for Smarter Transit Management



Public transit agencies are under constant pressure to deliver reliable, on-time service while also managing workforce rules, service exceptions, and daily disruptions. Too often, planning, scheduling and operations depend on disconnected tools, spreadsheets, and manual updates that slow decisions and create inefficiencies.

The MAIOR Suite integrates directly with CleverCAD to provide a native, end-to-end platform that optimizes transit agencies' day-to-day workflows. Unifying data and processes, agencies can plan smarter, adapt faster, and deliver more reliable service for both passengers and employees.



HISTORICAL DATA

Integration with Clever's data and reporting creates more accurate scheduling, with improved punctuality and reduced delays. Real-world vehicle driving times continuously refine timetables, creating a natural feedback loop.

- Automatically imports actual runtimes between time points directly into MAIOR.
- Transforms raw AVL from into actionable data by calculating the right running times for the right time bands throughout the day.
- Embeds real operating conditions into schedules, eliminating spreadsheets.



CALENDAR-BASED SCHEDULING

Agencies operate with full confidence that service changes are accurate and accounted for, even under exceptional circumstances.

- Automatically manages exceptions such as holidays, special events, or service adjustments.
- Creates "special service days" that are seamlessly integrated into operations.
- Ensures all vehicles and operators follow the correct schedule with no manual intervention.



OPTIMIZATION WITH AI

Agencies achieve reliable, detailed service operations scheduling powered by Artificial Intelligence, delivering consistency to dispatchers and passengers.

- Generates optimized vehicle blocks and driver schedules consistent with precise timetables.
- Ensures compliance with all operational constraints and union rules.
- Produces efficient rosters while maximizing fleet utilization.





IMMEDIATE OPERATOR REASSIGNMENTS

Real-time updates streamline dispatch decisions and eliminate operational lag.

- Dispatch adjustments made are instantly reflected in MAIOR.
- Workforce data stays current across planning, scheduling, and operations.



REAL-TIME & SPEED ADVANTAGE

Built-in speed and responsiveness empower agencies to adapt quickly without compromising accuracy.

- All updates instantly sync across systems for consistent records.
- Dispatchers can revise assignments late into the day, with automatic finalization.



INCIDENT TRACKING, ATTENDANCE & PUNCTUALITY

Agencies gain clear visibility into operator behavior, enabling timely coaching and accountability.

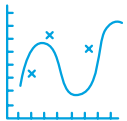
- Unified view of attendance and punctuality across the workforce.
- Incident tracking with secure, auditable documentation.
- Empowers managers to assess long-term performance trends.



HOURS OF SERVICE & QUALIFICATION VALIDATIONS

Compliance and safety are guaranteed without slowing down daily operations.

- Enforces rest requirements before operators are assigned new work.
- Verifies training and certifications (e.g., EV readiness) automatically.
- Operator assignments respect all labor and union rules.



TIMEKEEPING, ACCRUALS & PERFORMANCE TRACKING

A single source of truth simplifies HR processes, payroll, and compliance.

- Consolidates driver qualifications, license renewals, medical checks, and required trainings, when managing daily service, enhancing dispatching accuracy.
- Synchronizes data across workforce management and daily operations.



SUPPORTING DRIVER RETENTION

Agencies can strengthen employee engagement, improve retention, and plan for long-term workforce sustainability.

- Provides data for year-end evaluations and workforce strategy.
- Helps identify areas for improvement and supports initiatives to reduce driver shortages.

BENEFITS FOR AGENCIES AND RIDERS:



- **Higher Service Reliability:** Data-driven timetables reduce delays and disruptions.
- **Real-Time Responsiveness:** Immediate updates keep operations synchronized.
- **Full Compliance:** Automated labor and qualification checks minimize risks.
- **Operational Efficiency:** Eliminate spreadsheets, manual processes, and duplicate data entry.
- **Workforce Insights:** Centralized tracking of performance and qualifications empowers better decisions.

The Real Power of CleverCAD, VOAM, Incident Management, and MAIOR

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PART OF THE CLEVER DEVICES ECOSYSTEM

With MAIOR, agencies gain an integrated ecosystem that unites strategic service planning with day-to-day operations.

By aligning scheduling, workforce optimization, and intelligent transport technologies, we enable transit agencies to boost efficiency, stay compliant, and deliver more punctual and rider-focused service today, while staying ready for the demands of tomorrow.

To learn more about how Clever Devices and our MAIOR Transit Scheduling Suite can support your agency's goals, contact your Clever Devices Account Manager or schedule a demo below.

[Schedule a Demo Here](#)