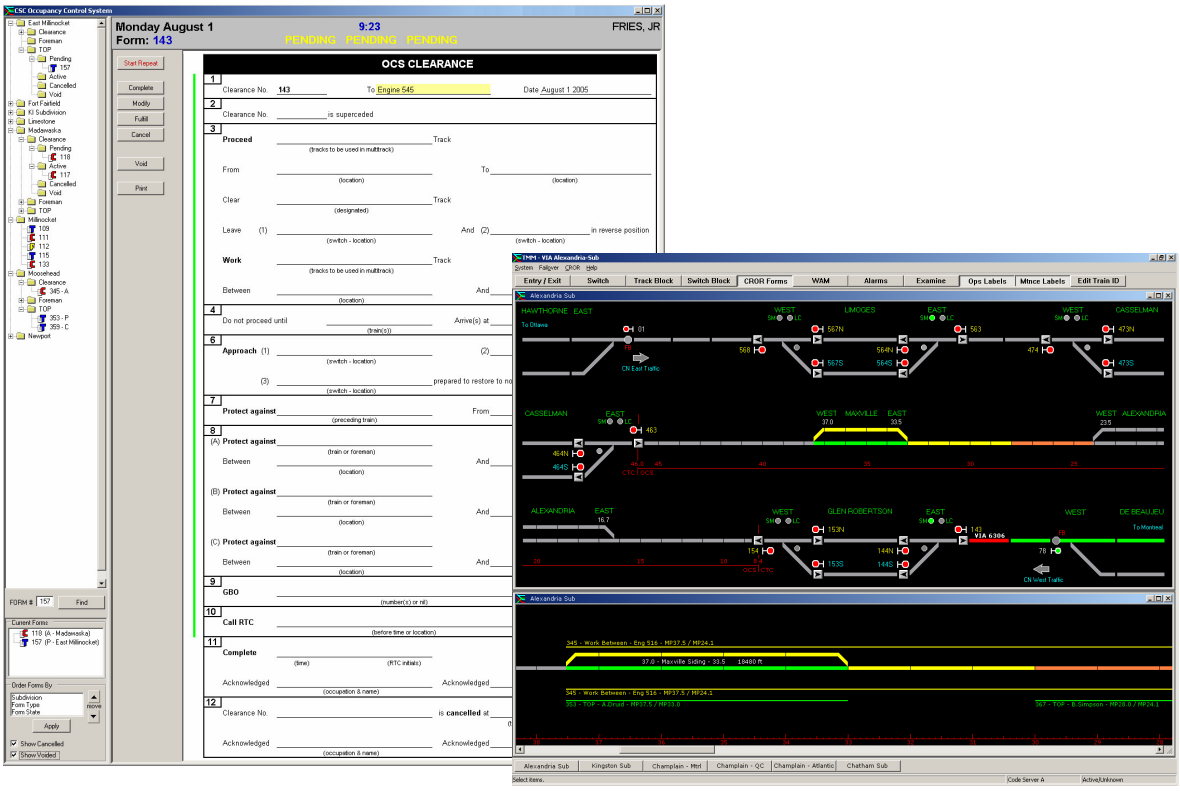
Control Office Applications

TMM – Forms Based Train Dispatching

Condor's Train Movement Manager (TMM) – general purpose train control and monitoring product provides a proven scalable dispatching system. The product is customizable to your environment and provides a comprehensive railroad dispatching feature set.



Typical OCS Forms Interface (CROR) with Integrated OCS/CTC Track Layout

Standard Features

- **Seamless integration** of control center functionality combining CTC, Forms, SCADA and wayside supporting subsystems such as AEI readers and hot box detectors. Connection to existing railroad systems using XML and SOAP interface standards.
- **Investigation tools** – System logging of all operator activities and CTC Playback for review and training.
- **Centralized alarm monitoring** of office, wayside and locomotive alarms in a single user interface
- **Executive and Operational Reporting** including standard and user customizable reports.
- **Standardized rule sets** for CROR, GCOR and NORAC territories. Rule sets are customizable.
- **Hot standby backup** to ensure continuous system availability, supplemented with 24/7 remote support.
- **Territory Display** – Provides a real-time view of authorities in a CTC-like display. Views are available to local and remote users via the intranet/internet.

For more information please contact: Condor Signal & Communications Inc., 2388 Speers Road, Oakville, Ont., Canada, L6L 5M2
Tel: (905) 469-0226 Toll Free: (866) 929-4560 Fax: (905) 469-0256 www.condorsignal.com

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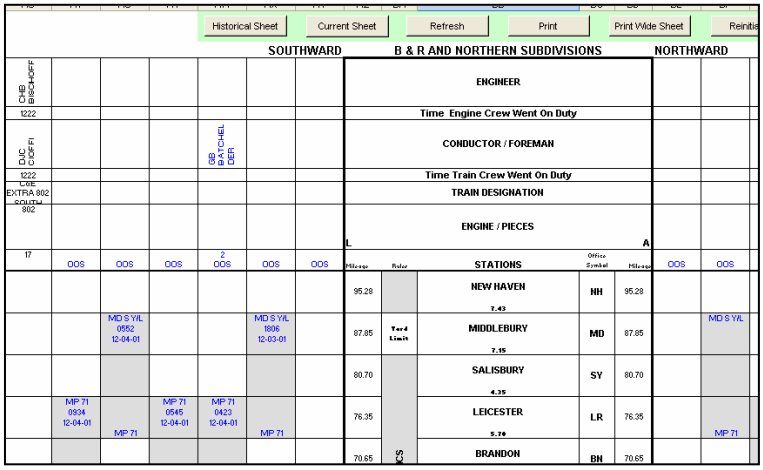
Additional Features

- **Automatic Vehicle Location** – Real-time updates of train location, consist, routing info, speed, locomotive alarms, and schedule adherence displayed in TMM. Integrated use of Global Positioning Systems (GPS) and traditional track circuit technologies.
- **Synchronized Event/Voice Recording** – Dispatcher operations are synchronized with voice transmissions. Events are then recreated by synchronizing voice, data, and TMM Playback.
- **Remote Control of Switches** – Control and monitoring of switches via dedicated line, dial-up modem or radio (including DTMF).

Rulesets

Standard Functionality

- Forms sorting using folders
- Electronic Trainsheet
- Territory Display
- General Bulletin Orders
- Daily Operating Bulletins
- Dispatcher's Daily Log
- Dispatcher Transfer
- Remote Protection Zones (RPZ)

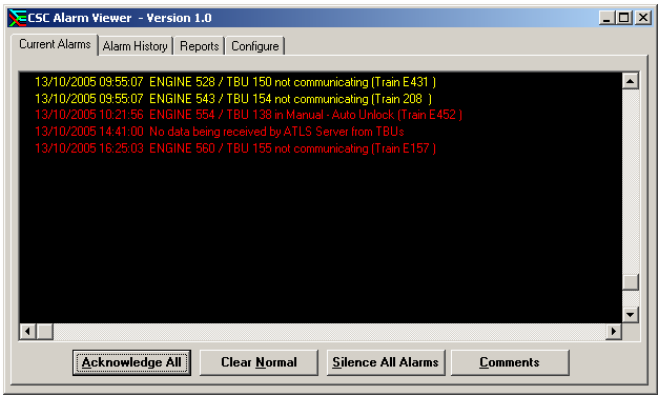


GCOR

- Track Warrant Control (TWC)
- Track Bulletin (Rule 15)
- Direct Traffic Control (DTC)

NORAC

- Form D Control System (DCS)
- Form M (VRS)



CROR (Bilingual)

- Occupancy Control System (OCS)
- Rule 42 Planned Protection (Form Y)
- Rule 43 Slow Track Protection (Form V)
- Track Occupancy permit (TOP)
- CTC Forms 564, 566, 567, 567.1, 568, 148

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