QUALPRO

Improved Qualification Management
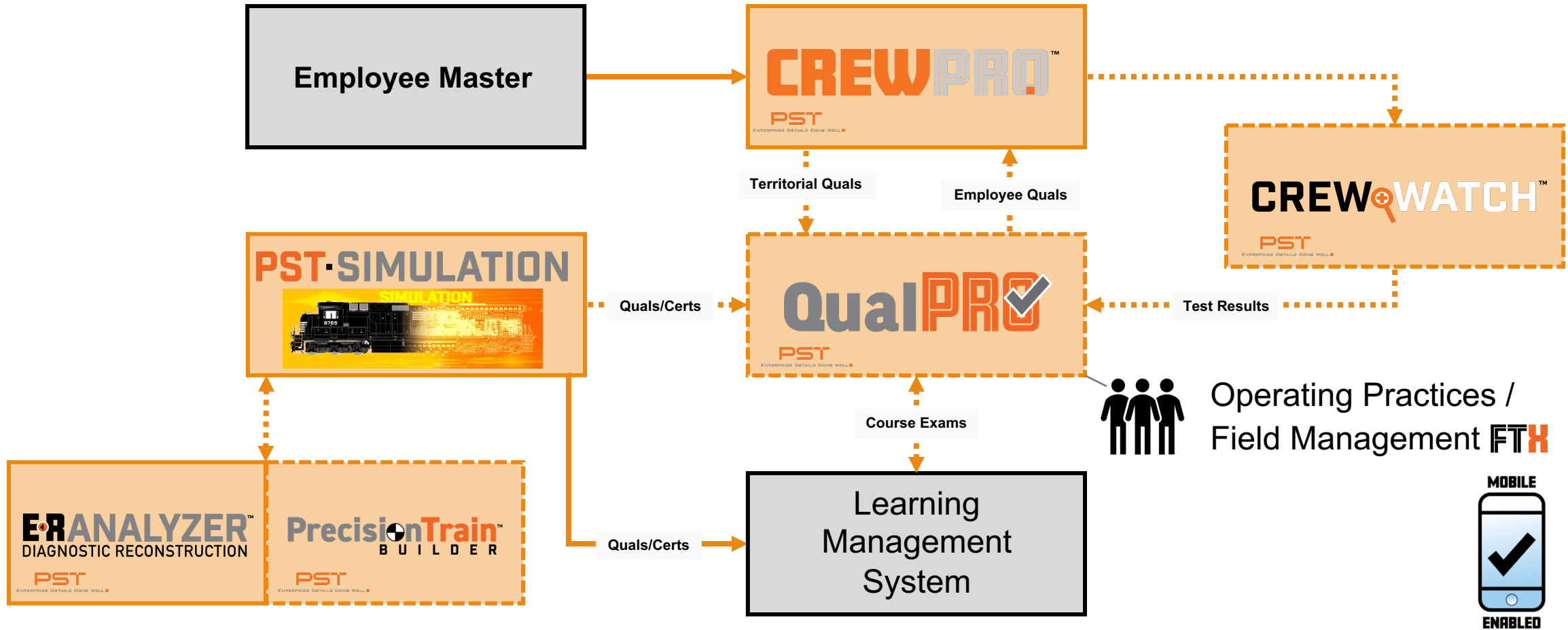
Why QualPro?

QualPRO
Benefits and Features

1. Accurate certification, qualification and familiarization information for Conductors, Engineers, & Remote-Control Operators

2. Entire licensing workflow with detailed requirements for each certification

3. Alerts, notifications, and built-in workflow to management regarding renewal timelines

4. Employees have visibility into their own records

Ensure Qualified Personnel Operating Trains

Potential Ecosystem

Employee Master

CREWPRO™

CREW WATCH™

Territorial Quals

Employee Quals

PST SIMULATION

Quals/Certs

QualPRO

Test Results

Operating Practices /
Field Management **FTX**

Course Exams

ER ANALYZER™
DIAGNOSTIC RECONSTRUCTION

PrecisionTrain BUILDER™

Quals/Certs

Learning
Management
System

MOBILE
ENABLED

PST

Constituent Parts
What is QualPro?

QualPro is comprised of 5 Modules

1. Work Queue
2. Assignment
3. Licensing
4. **Field Evaluation/Structured Tests**
5. Territorial Familiarization
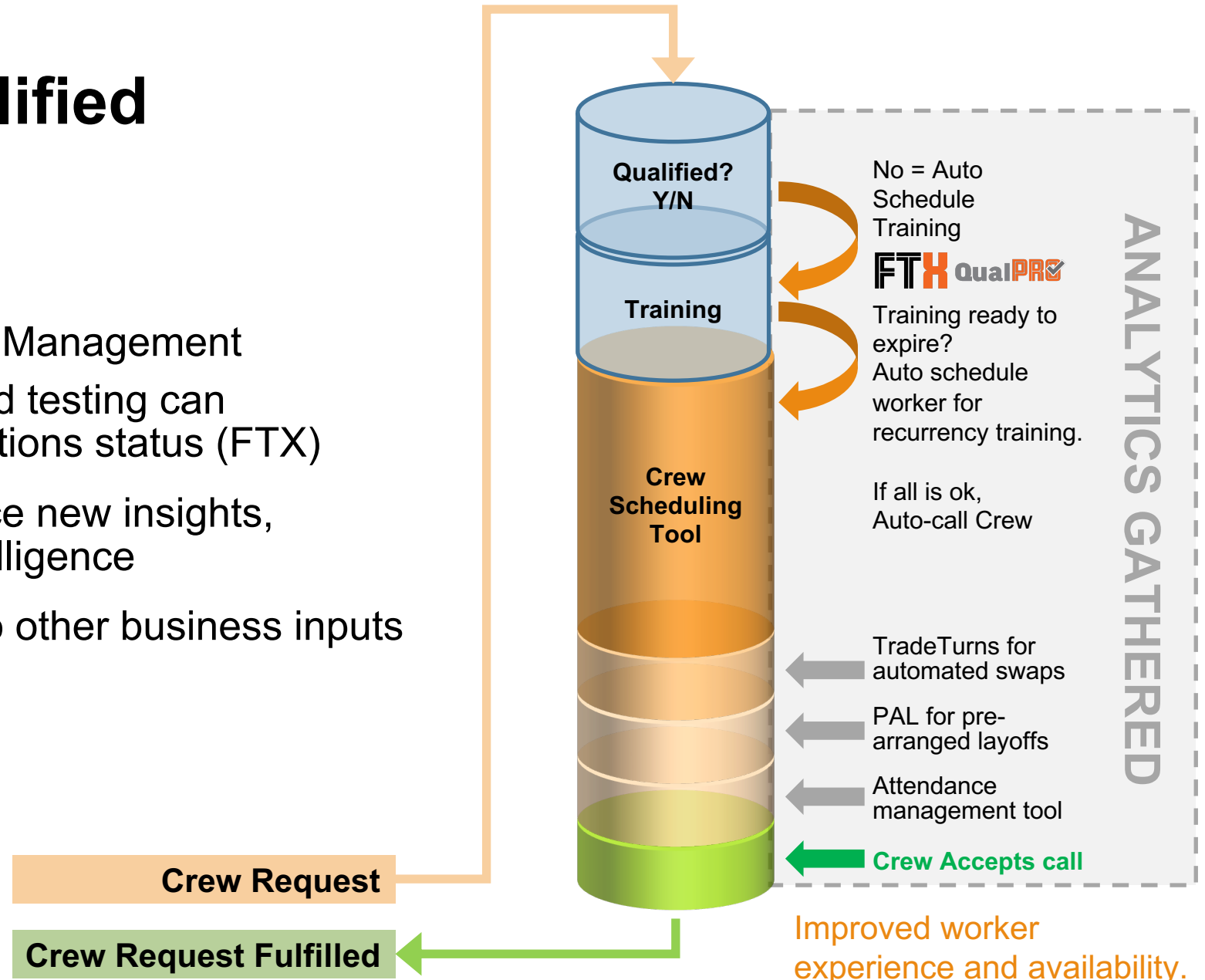
FTX

PST

FIELD TRAINING EXERCISE [FTX]

General Overview

PST

Integrated e2e Simplified

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Automated Crew Pipeline

- Qualifications + Training + Crew Management
  - Mobile OJT observations and testing can dynamically update qualifications status (FTX)

- Analytics and dashboards surface new insights, relationships and actionable intelligence

- Board sizes can be connected to other business inputs such as customer orders

- Reduction of Guarantee & Held Away overpayments.
- Reduction of Safety/Regulation liabilities and other enforcement actions.

Qualified? Y/N

Training

Crew Scheduling Tool

ANALYTICS GATHERED

No = Auto Schedule Training

FTX **QualPRO**

Training ready to expire? Auto schedule worker for recurrency training.

If all is ok, Auto-call Crew

TradeTurns for automated swaps

PAL for pre-arranged layoffs

Attendance management tool

Crew Accepts call

Improved worker experience and availability.

Crew Request

Crew Request Fulfilled

PST

What is FTX?

Features

- Photo id from badge or individual

- Select test or rules to be evaluated

- Select a rating and enter comments

- Can select archival info by dates by Event, Time, Weather and Visibility

- Enter comments about test/event

- Incomplete data can be saved and retrieved for later

- Templates can be created for repetitive needs

Field Evaluation Features
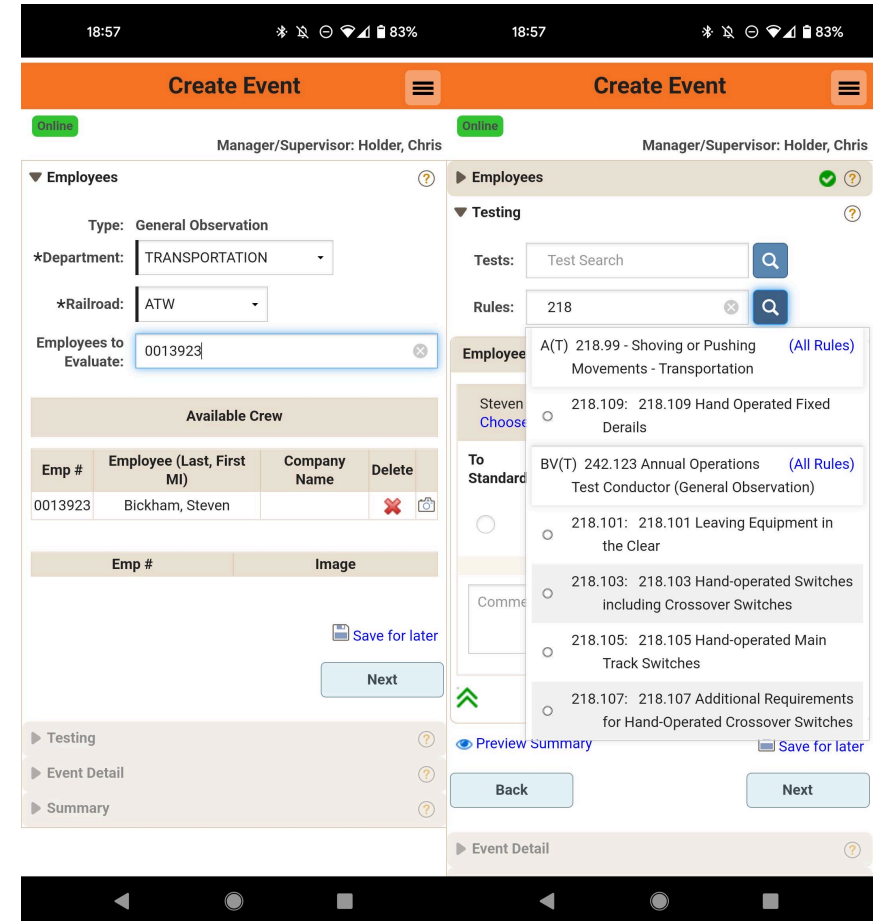
Simplified Workflow

- Field evaluations and structured testing with mobile image badge capture, real-time checklists and test record uploads

- Evaluate skills required for the current working position

- Provides manager with employee's testing history with indications of past coaching/hearings on rules

- Allows setup of testing plans and goals per company and Transport Canada/FRA requirements

MOBILE

ENABLED

Field Evaluation Mobile Application

- PST carries an FTX mobile application that allows for staff to enter an event live, from a mobile device
  - ➢ This application allows for the use of the phone's camera for use in evidence gathering
  - ➢ This application is linked to the QualPro desktop instance, and is configured with all the rules and regulations loaded into the desktop instance
    - This reduces keystroke entries, and delayed delivery of ride reporting

- Compatible with IOS and Android Devices

- Can be launched within internal app store or within public app store through secured instance

OTHER QP MODULES

PST

QualPro Work Queue Features

Complete Recordkeeping

- Tracks employee certification and license development

- Alerts managers of action and follow-up items

- Automates and replaces manual process of running multiple reports to manage employee qualification to-do lists

QualPro Assignment Features

Reduces Manual Entry Errors

- Automates employee-to-manager relationship

- Automatically assigns the employee to the primary or secondary manager based on working position

- Balances TEY employee assignments within available managers

QualPro Licensing Features

Streamlines Certification and License Handling

- Tracks all internal and FRA requirements

- Grants ability to create license types and license requirements at-will

- Single point work-flow to certify, record, print licenses on plastic cards, and track mailing of the license.

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Certification Qualification, Familiarization (CQF)

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Single Point of Truth for Reports, Scheduling, Recordkeeping

■ Tracks territorial qualification pursuant of FRA approved certification programs and instructions.

■ Records are updated daily and displayed on dashboard

■ Allows crew callers to determine if employee is qualified across all track segments of trip

■ Also produces customizable reports, feedback and planning capabilities

■ PST

QualPRO

THANK YOU