myK9Q: The Complete Dog Sport Trial Management Platform

Transform Your Trial Day Experience

myK9Q is a modern, offline-first platform designed specifically for AKC, UKC, and ASCA dog sport trials. Whether you're a trial secretary, judge, steward, or exhibitor, myK9Q streamlines every aspect of trial management with intelligent automation and real-time updates.

Why myK9Q?

Built for the Real World

- **Works Offline**: No WiFi at the trial site? No problem. myK9Q works completely offline and syncs when you reconnect.
- **Progressive Web App**: Install on any device - phone, tablet, or computer. No app store required.
- **Real-time Updates**: Changes sync instantly across all devices when online. Everyone stays on the same page.

Smart Trial Management

For Trial Secretaries & Stewards:

- **Multi-Organization Support**: Manage AKC, UKC, and ASCA trials in one platform
- **Intelligent Check-In System**:
    - Track entry status (Not Checked In → Checked In → At Gate → In Ring)
    - Optional self-check-in for exhibitors
    - Visual status indicators and filtering
- **Automated Placement Calculation**: Scoring results automatically calculate placements with proper tie-handling
- **Class Requirements Engine**: Configurable rules for time warnings, minimum times, and scoring logic
- **Conflict Detection**: Automatically identifies scheduling conflicts for dogs entered in multiple classes

For Judges:

- **Organization-Specific Scoresheets**:
    - AKC Scent Work (multi-area timing)
    - AKC FastCat (speed scoring with MPH calculation)
    - UKC Obedience & Rally
    - ASCA Scent Detection
- **Multi-Timer Support**: Run multiple timers simultaneously for back-to-back runs
- **Auto-Save Protection**: Never lose scoring data - drafts save automatically every few seconds
- **Nationals Support**: Special scoring logic for national-level competitions

For Exhibitors:

- **Self-Service Check-In**: Check in your dogs when you arrive (if enabled by trial secretary)
- **Real-Time Class Status**: See live updates on class progress and your position in the running order
- **Entry History**: Track all your entries and results across multiple trials

Designed for Speed & Reliability

Performance:

- Lightning-fast load times (< 2 seconds on most devices)
- Optimized database views for instant class summaries
- Responsive design works perfectly on phones, tablets, and desktops

Security & Multi-Tenancy:

- **License Key System**: Each trial gets a unique license key for complete data isolation
- **Role-Based Access**: Four permission levels (Admin, Judge, Steward, Exhibitor) with passcode authentication
- **No Passwords**: Simple passcode format (e.g., `aa260` for admin) derived from license key

Data Management:

- **Automatic Cleanup**: Trial data older than 30 days auto-archives to keep the system fast
- **Offline Queue**: All changes tracked and synced when connection restored
- **Draft Recovery**: Multiple auto-saved drafts per entry prevent data loss

Professional Features

Analytics & Reporting:

- Class summary statistics (total entries, completed runs, qualified runs)
- Trial-level dashboards with real-time progress
- Performance views for instant data aggregation

Smart Notifications:

- Push notifications for class status changes
- Connection warnings when using cellular data
- Visual indicators for sync status

Flexible Configuration:

- Configurable class requirements (time warnings, minimum times)
- Custom competition types (Regular, National, Invitational)
- Organization-specific scoring rules

Technical Excellence

Modern Tech Stack:

- React 18 + TypeScript for type-safe, maintainable code
- Supabase (PostgreSQL) for enterprise-grade database reliability
- Zustand for predictable state management
- PWA architecture for offline-first operation

Quality Assurance:

- Comprehensive test coverage (unit, integration, E2E)
- Strict TypeScript mode prevents runtime errors
- Error boundaries isolate scoresheet crashes
- Automatic database migrations for seamless updates

Getting Started Is Easy

1. **Request a License Key**: Contact us for your trial-specific license key
2. **Visit the Platform**: Open myK9Q in any modern browser

3. **Install (Optional)**: Add to home screen for app-like experience
4. **Set Up Your Trial**: Configure classes, add entries, and you're ready to go
5. **Work Anywhere**: Full offline support means you can score anywhere

Perfect For:

- **Trial Secretaries** managing AKC, UKC, or ASCA events
- **Judges** needing reliable, fast scoresheets
- **Stewards** coordinating ring flow and check-ins
- **Exhibitors** wanting real-time trial status
- **Clubs** running multiple trials per year

What Makes Us Different?

Offline-First Design: Most trial management systems fail without internet. myK9Q was built from the ground up to work perfectly offline.

Organization-Specific Logic: We don't use generic scoresheets. Each organization (AKC, UKC, ASCA) gets purpose-built interfaces with the correct rules and calculations.

Modern Architecture: Built with 2025 web standards, not legacy desktop software. Fast, reliable, and works on any device.

Active Development: Regular updates with new features, performance improvements, and expanded organization support.

Ready to Modernize Your Trials?

myK9Q eliminates paper scoresheets, reduces manual calculations, and keeps everyone informed in real-time. Whether you're running a small club trial or a multi-day national event, myK9Q scales to meet your needs.

Contact us today to get your license key and experience the future of dog sport trial management.

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myK9Q - Because trial day should be about the dogs, not the paperwork.