

STUART "STU" TRAHAN

SR. MASTER SCHEDULER | PROGRAM CONTROLS & EVMS LEADER | TOOLMAKER

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FOCUS Aerospace | NASA | DoD

40+	47	~20	~71K	75%	90%
YEARS IN SCHEDULING	WEEKLY IMS REVIEWS	SCHEDULERS TRAINED	STD. HOURS RECOVERED	EVMS ROLLOUT	PROJECT ONLINE MIGRATION POC

EXECUTIVE PROFILE

Aerospace program-controls leader and master scheduler with 40+ years translating complex technical work into credible, logic-driven plans, decision-grade performance data, and execution systems teams actually use. Deep expertise in integrated master scheduling, ANSI-748 EVMS, production scheduling, schedule risk, Microsoft Project architecture, and custom automation across NASA, DoD, other federal, and commercial programs. Known for pairing audit-ready rigor with practical toolmaking, calm cross-functional leadership, and relentless delivery.

LEADERSHIP & TECHNICAL CORE

PROGRAM CONTROLS IMS/MPS strategy | ANSI-748 EVMS | IMP/WBS/OBS/RAM | PMB/EAC/ETC | IBR/SUR | SRA | DCMA schedule health

DIGITAL DELIVERY Microsoft Project/Project Server / D365 SCM/Project Operations | Primavera P6/P6 Team Member | Costpoint Cobra/MRP | EVMS forProject/Empower | VBA/.NET/C# | Databricks/SQL | custom scheduling products | workflow and portfolio platforms

EXECUTION LEADERSHIP production cadence | cross-project dependencies | CAM/WPM coaching | operating-model design | enterprise rollout | executive reporting

PROFESSIONAL EXPERIENCE

BLUE ORIGIN | Lead Sr. Master Scheduler - New Glenn Integrated Master & Production Scheduling 2021-Present

- Lead integrated master and shop-floor production scheduling across the full New Glenn vehicle portfolio, integrating current and future launch-vehicle configurations and cross-functional production workstreams while directing approximately 20 tactical schedulers and owning scheduling-readiness decisions.
- Established and sustained 47 consecutive weekly work-center-to-program reviews—and counting—that surface critical paths, risks, dependencies, and accountable owners while expanding risk-and-opportunity coverage and strengthening program-level decision support.
- Advanced EVMS forProject/Empower implementation to 75%, onboarding contractors, validating multiple New Glenn WBS elements, establishing NASA-ready reporting architecture, and representing the program at the 2024 and 2026 Empower EUG conferences.
- Shipped five production releases of the enterprise Project Tools suite, including a custom multi-scenario Need-By-Date engine that back-calculates completion dates from any selected milestone to any date field. Led the Microsoft Project Server Enterprise migration as technical project manager with rollback, changelog, live-test, and handoff discipline.
- Built a Databricks standard/earned/logged-hours rollup that recovered approximately 71,000 standard hours from data gaps on a single manufacturing plan, turning fragmented production data into actionable performance insight.
- Trained and supported approximately 20 schedulers across New Glenn, Engines, Lunar, and Test Flight Operations; developed, deployed, and managed the enterprise scheduling tools underpinning the tactical scheduling process.
- Administer 13 Microsoft Project Online PWA sites supporting 2,000+ users across all seven Blue Origin business units; operate the enterprise MSP Help Desk and have resolved 500+ support tickets since 2025, averaging at least one request per day.
- Serve as technical project manager and functional design lead for Blue Origin's enterprise Project Online replacement ahead of Microsoft's September 30, 2026 retirement deadline. Direct cross-business-unit requirements, vendor evaluation, architecture, New Glenn proof-of-concept testing, data and integration validation, and the go-forward recommendation across OnePlan and proMX/Dynamics 365 Project Operations; advanced the POC to 90% and documented 60+ VBA automations to preserve mission-critical scheduling capabilities.
- Lead the New Glenn transition from all commercial off-the-shelf (COTS) scheduling tools to an internally developed scheduling solution ahead of general availability, directing pilot design, phased cutover, system boundaries, training, and work-center readiness governance; also developed complementary workflow and portfolio-management tools with role-based permissions, real-time updates, and version control.
- Built schedule-integrated workflow and portfolio-management applications for ITAR/CUI-ready AWS GovCloud deployment; containerized the frontends and APIs, replaced browser-based local storage with PostgreSQL persistence, and established Terraform and internal GitLab CI/CD foundations with federated access, private networking, security-hardened images, managed secrets, enforced TLS, and isolated development, staging, and production environments.

ENTREPRENEURIAL & CONSULTING LEADERSHIP

forProject Technology, Inc. | Co-Founder & Vice President

2007-2021

- **Co-designed, developed, and commercialized EVMS forProject**, a leading alternative to Deltek Costpoint adopted by more than 200 government agencies and contractors; co-developed and commercialized Schedule Analyzer forProject, which DCMA later purchased and deployed agency-wide as its standard schedule-auditing tool.
- **Advised government agencies and aerospace/defense contractors** on integrated master scheduling, EVMS implementation, schedule quality, Project Server architecture, and enterprise operating standards.
- **Leonardo DRS**: served as corporate Microsoft Project scheduling mentor and senior scheduler on LIMWS and the UNNPI MPM Stator propulsion program; standardized scheduling, automated CAM status updates, supported recovery planning, and prepared CAMs for mock and live IBR interviews.
- **Aerojet Rocketdyne / NASA Orion**: developed cross-project dependency governance, managed intermediate CAM schedule integration, operated earned value in Microsoft Project with Cobra exports, and automated customer IMS and time-phased ETC/BCWS deliverables.
- **Spirit AeroSystems**: established WBS/OBS/FBS/RAM architecture and a resource-loaded IMS for Air Force Boeing 777 fuselage and leading-edge work; automated CAM status collection, integrated Cobra, and produced CPR Formats 1-5.
- **Black & Veatch**: led on-site implementation and core training for a custom scheduling tool rolled out across more than 150 programs, improving scheduler efficiency, data standardization, and input accuracy.

Compliance Software Technology, Inc. | President & Chief Technology Officer

1999-2007

- Designed, developed, and commercialized Utilities forProject, Export forProject, and the forProject Earned Value Integration Suite for Microsoft Project.
- Converted recurring scheduling and EVMS pain points into reusable software products, integrations, and reporting workflows adopted across complex government and commercial programs.
- Combined product strategy, software architecture, customer implementation, training, and executive consulting in a hands-on founder role.

Computer Sciences Corporation - CSTI CLIENT ENGAGEMENT | Contract Senior Integrated Master Scheduler - IRS Business Systems Modernization

1999-2005

- As CSTI's hands-on founder and principal consultant, served as CSC's original senior master scheduler for the IRS Business Systems Modernization Office under a Minimum Background Investigation, leading more than 10 schedulers across the enterprise IMS and CAM intermediate schedules.
- Planned and maintained schedules for e-Services, Customer Account Data Engine, and Modernized e-File releases; integrated earned-value status into Cobra and programmed Microsoft Project to calculate and manage EV.
- Created and chaired the weekly cross-project dependency process used to surface and resolve issues across BSMO schedules, improving schedule integrity and shared accountability.

LEADERSHIP REPUTATION

Recognized by former leadership for persistence, initiative, teamwork, professionalism, on-time delivery, and report integrity - including the willingness to work across organizational boundaries and through critical delivery windows to protect customer confidence.

SELECTED ENTERPRISE & MISSION IMPACT

FAA Senior IMS/EVMS specialist, mentor, and Microsoft Project Server implementation lead; delivered integrated EVMS, schedule analytics, process design, and training on major programs.

BALL AEROSPACE Implemented DCMA schedule analysis processes and training on the James Webb Space Telescope program.

GENERAL DYNAMICS Led IMS/EVMS integration with SAP, Project Server implementation, schedule-quality deployment, training, and corporate Microsoft Project tool development.

DCMA / DEPARTMENT OF DEFENSE Implemented and trained agency-wide schedule-analysis capability for more than 2,000 auditors and practitioners.

ROLLS-ROYCE / SAFRAN / COLLINS AEROSPACE Delivered Project Server, IMS/EVMS, SAP actuals integration, schedule-process standardization, training, and custom tools across government portfolios.

U.S. NAVY / NUCLEAR REGULATORY COMMISSION Deployed schedule-analysis processes and training at agency scale.

JOHNS HOPKINS APL / UNITED SPACE ALLIANCE / RAYTHEON Implemented Microsoft Project-to-Cobra/SAP integration and scheduling utilities supporting aerospace and defense execution.

NEW YORK CITY Supported post-9/11 communications reconstruction with integrated scheduling, Project Central implementation, custom tools, and process training.

TECHNOLOGY & METHODS

SCHEDULING Microsoft Project 3.0-Project 2021/2502 | Project Server | Primavera P6 | Open Plan | Milestones Professional | Steelray | Schedule Analyzer | Acumen Fuse/Risk | PertMaster

EVMS / COST Empower | Cobra | MPM | PM Compass | wInsight | EVMS forProject | Costpoint | BCWS/BCWP/ACWP | PMB/EAC/ETC | IPMR/CPR reporting

DATA / AUTOMATION Databricks | SQL Server | Oracle | Excel/Power Query/Pivot | VBA | VB.NET | C# | Microsoft 365 | SharePoint | Teams | Visio

SECURE CLOUD DELIVERY AWS GovCloud | ITAR/CUI-ready and FedRAMP Moderate-aligned architecture | Terraform | Docker | GitLab CI/CD | JWT/OIDC | ECS Fargate | Aurora PostgreSQL | Secrets Manager

GOVERNANCE ANSI-748 | DCMA 14-point assessment | IMS health and critical-path analysis | SRA | WBS/OBS/RAM | BOE | change control | risk and opportunity

EDUCATION, CERTIFICATIONS & LEADERSHIP

MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST Architecting, Installing, and Configuring Microsoft Office Project and Project Server

MICROSOFT CERTIFICATION Managing Projects with Microsoft Project

UNIVERSITY COURSEWORK Business Management with a minor in Computer Science - Louisiana Tech University and McNeese State University; 72 accredited hours

BACKGROUND INVESTIGATION Minimum Background Investigation, IRS Business Systems Modernization, 1999-2006

LEADERSHIP HONOR Eagle Scout, Boy Scouts of America

VALUE PROPOSITION

I build the plan, the performance system, the automation, and the operating rhythm around it - then coach the team until the capability no longer depends on one person.