



## Grayhorse Technologies, Inc. – Manufacturing Experience

**We have been operational since 1984. We specialize in Information Technology Solutions, Business Analysis and Project Management Solutions within the Global Manufacturing, Industrial, Metal, Mining, Aviation, Travel, Energy, Insurance, Telecom and many other industries. We offer 40 years of experience to help you meet today’s challenges and help solve your company’s problems.**

**We also offer a free analysis of your operation. We will do a complete walk-thru of your operation, analyze your technology and make recommendations to improve performance, increase stability, reduce costs and increase profits. Please contact us for a free analysis and recommendations.**

### **Our Manufacturing specialties and experience include:**

<u>Topic</u>	<u>Description</u>	<u>Experience</u>	<u>Benefit</u>
DBMS	Database Management Systems	Extensive technical training and certification with multiple DBMS architectures (Oracle, Sqlserver, RdB, Access)	Efficient use of corporate data
Sarbanes/Oxley	Federal regulations which mandates a set of internal procedures designed to ensure accurate financial disclosure	Certified Sarbanes Oxley Examiner, experience designing applications to bring legacy systems into compliance	Federal Compliance
MMS	Material Management Systems - real time inventory control systems using technology to manage and track material usages through-out the manufacturing processes	Extensive experience designing and developing MMS solutions utilizing bar code and RF (portable radio network linked equipment) to deliver such solutions	Reduced time for physical inventories, reduce material loss to waste and expiration, improved JIT potential
MES	Manufacturing Execution Systems - the suite of applications, often custom, that include both SCADA and Middleware functionality to control and help manage the manufacturing processes	Extensive experience as project manager, lead designer and team member developing and implementing MES solutions in a multitude of manufacturing environments	Providing the information to allow analysis to support reductions in cycle time, waste and manpower
SCADA	Supervisory Control and Data Acquisition - direct computer control or interface to manufacturing processes to manage the process as well as provide data and collect data for the process	Lead multiple SCADA implementation including database design and HMI (Human-Machine Interface) design	Improved manufacturing performance with repetitive processes, elimination and reduction of human error

Six Sigma	Statistical process control and management methodologies, often using the DMAIC process for project development and implementation (Define-Measure-Analyse-Improve-Control)	Certified Six Sigma Greenbelt, multiple project implementations with Six Sigma level control systems and analysis	Waste reduction and process improvement
Lean Manufacturing	Production practice that considers the expenditure of resources for any goal other than the creation of value for the customer to be wasteful. A generic process management philosophy derived mostly from the Toyota management systems.	Extensive experience with value mapping, identification of value add and non-value add processes, designing manufacturing systems to eliminate non-value add processes	Waste reduction and process improvement
Security	Controlling access to the physical manufacturing sites as well as access to information management systems while providing access to the people that need it	Multiple projects designed and completed to provide or improve both site and data security	Improve integrity of site and data access
Project Management	Managing and executing the design, development and implementation of manufacturing projects and processes	Numerous success projects at multiple sites (both domestic and international) with a wide variety of team composition and taskings. Over 35 years of large scale PM experience.	Improved knowledge of projects for senior management, improved project execution and cost dynamics
MES-ERP Integration	Electronically coupling the manufacturing execution systems to the business and financial systems to eliminate or reduce the requirement for shop floor direct data entry into business systems	Numerous success projects at multiple sites (both domestic and international) with a wide variety of team composition and taskings with a variety of ERP models (Chess, Mfg/Pro, SysPro, SAP, JDE, Custom ERP)	Reduction or elimination of human transcription/transposition errors, improvements in financial closing cycles
Wireless Architecture	Utilization of wireless technologies (IEEE802.11a,b,e,g) to effect electronic linkage and communication of shop floor and mobile applications to main systems	Numerous success projects at multiple sites (both domestic and international) with a wide variety application solutions	Reduction or elimination of shop floor material validation errors, improved turnaround for all manufacturing processes including shipping and receiving
Problem Solving	Utilizing various tools and technologies to identify and analyze problems and develop solutions	Excellent skills with a multitude of problem solving tools, extensive experience and formal training as a facilitator and team lead with developing solutions	Improvements to manufacturing process
Document Management	A collection of process and procedures, often involving electronic data systems, to effect management and control of document systems	Numerous projects delivering document management for engineering drawings, ISO/TSO document management and certification management	Reduce time required for document management and retrieval, improvements in document integrity and validity
Global Applications	Designing and developing real time applications for Legacy Systems, Windows, Servers and Internet Environments	40 Years of experience developing, managing and implementing complicated systems and projects to meet user requirements and company performance goals.	Reduce turnaround time, improve operations, increase functionality, reduce paper, control expenses, etc.

**We treat all information in the strictest of confidence.**

**References are available upon requests.**

**For a free consultation please contact Eric Yeager at 918-638-0871 or [Eric@Grayhorsetechnologies.com](mailto:Eric@Grayhorsetechnologies.com)**