



About Us

Manta Interactive creates technical communications and training assets so you can focus your energy on what you do best. Whether you specialize in engineering, manufacturing, or software and app development, you can depend on Manta Interactive for all of your product documentation and training design needs.

Call Us For



Technical Documents & Manuals

We design documents as small as a few pages and manuals exceeding 2,000 pages. Whatever your documentation needs, we have the expertise to deliver.



Interactive Documentation

Not all documents need to be static. Provide your customers with a deeper navigation experience with our Interactive Electronic Manuals.



E-Learning & Instructional Design

Does your product require training? Our deep understanding of adult learning principles ensures your customer learns your product features with ease.



Augmented Reality (AR) Solutions

Cutting-edge AR technology has the power to transform how your customers engage with your products and services. Ask us how AR can increase sales and customer satisfaction.



Technical Documents & Manuals

Technical Documents & Manuals

Outsourcing the design and delivery of your technical documentation is a cost-effective way to deliver high-quality information to your customers without the burden of additional overhead. Our proprietary development process guarantees that your documents:

- ✓ Meet or exceed industry standards
- ✓ Represent your specific brand
- ✓ Match user skill level and education
- ✓ Are delivered on time
- ✓ Comply with ISO 9001

When you partner with Manta Interactive for your product documentation needs, you gain full access to our in-house expertise which includes instructional design, project management, adult learning best practices, technical writing, industrial psychology, custom illustration, and print and digital publishing. Our projects range from a few short pages to operation and maintenance manuals exceeding 2,000 pages. Whatever your documentation needs, Manta Interactive will produce world-class documentation, giving your customers the best possible experience with your products.

HARPER TECHNOLOGIES
Provider of Industrial Solutions Since 1971
AGT-8900-S

Inspection and Maintenance Instructions

The AGT-8900-S is located in the aft section of the ARX-60 Luxar System. The component is designed to control aft camera movement for the HDD 300X Dual Auxiliary Camera Module. There are two AGT-8900-S units on the Luxar System. Periodic inspection must be performed to ensure operational readiness.

Periodic Inspection

The AGT-8900-S Gear Drive assembly requires regular inspection. Inspect two vertical shaft couplings once every 3 months for end-play and irregular sounds from the bearings. The servo-coupling requires inspection once every 6 months (Use HT-194 Inspection Checklist) and torque measurements must be recorded and entered into the Harper Maintenance Record Master Sheet. Bolts on horizontal coupling must be checked once every 6 months.

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CHEM-LAB 3000 OPERATION INSTRUCTIONS

Prior to operating the CHEM-LAB 3000 industrial robot arm, all control points must be adjusted using the <SETUP> command on the HMI home screen. The green READY indicator light will flash when all control points are set, indicating the robot is ready to operate.

1) Customize Operational Functions (Range 1).

Press the FUNC button twice within 1 second. The range indicator will appear as an outline on the X axis setting. Press ENT to move through each setting. The indicator will move down the first column (X, Y, Z, S1) and then down the second column (A, B, B2, S2). Press the OPER button to open the adjustment panel.

<POS>	JNR2	100%	F7
X:	[±1.20]	A:	+1.20
Y:	-0.76	B:	-0.76
Z:	+0.00	B2:	+2.54
S1:	-0.12	S2:	-1.47
ENT	FUNC	OPER	

→

<POS>	JNR6	100%	F2
X:	[±1.44]		
▲▼▲▼			
ENT			

2) Adjust Range to Custom Setting.

Use the ▲ and ▼ buttons to increase or decrease the custom range. The maximum range for each axis is +3.99 (each full quarter rotation is indicated as 1.0 with 4.0 being equivalent to zero). Press ENT to complete setting changes. Menu will return to the OPERATIONAL FUNCTIONS screen.

<POS>	JNR2	100%	F7
X:	[±1.44]	A:	+1.20
Y:	-0.76	B:	-0.76
Z:	+0.00	B2:	+2.54
S1:	-0.12	S2:	-1.47
ENT	FUNC	OPER	

WARNING

After editing the program, always confirm new settings with a step operation test before starting automatic operation. Failure to do so could lead to interference with peripheral devices and damage the robotic arm.

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E-Learning & Instructional Design

Any Type of Content, Any Format.

Whether you need to empower employees or transfer product knowledge or skills to your customers, you can depend on Manta Interactive to meet your critical training development needs. Our experienced instructional design team can produce training for virtually every industry and for every application. From soft-skills training for employees to complex product simulations for your customers, we create high-quality training materials and assets that keep your learners engaged, and that result in your targeted outcomes being realized.

- ✓ Custom E-Learning Design
- ✓ Gamification & Simulations
- ✓ Instructor-Led Programs
- ✓ Blended-Learning
- ✓ Microlearning
- ✓ Talent Development Consulting
- ✓ Training Workbooks and Slides

Choose Your Format

Do you need a printed training manual to compliment your existing program? No problem. Do you need a fresh look for your aging video training? We can do that too. Whether you need it in print, in digital format, or in virtual reality, Manta can design world-class training for your organization.



Our rapid-development approach to learning design ensures you'll have the best possible training for the lowest possible price.



Interactive Documentation

Add Depth and Simplify Accessibility

There is an increasing demand for Interactive Electronic Technical Manuals (IETM). Many organizations are attracted to the rich features and tangible benefits of IETM's, most commonly due to their Eco-friendly format (digital formatting reduces paper waste), quick content access, vivid graphics, and interactive animations and schematics.

IETM's are ideal for:

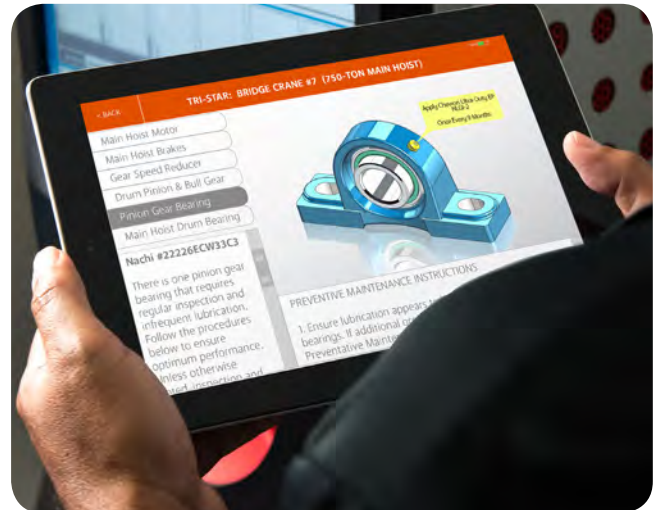
- ✓ Technical Procedures and Publications
- ✓ Product Troubleshooting Guides
- ✓ Assembly and Installation Instructions
- ✓ Applications with Limited Space
- ✓ Remote or Complex Repair Procedures

IETM's were originally used by the Department of Defense. Through technological advances in digital publishing, interactive documentation is now more affordable and accessible than ever. When you partner with Manta Interactive for your IETM needs, even the most complex information will become easily searchable by your end user. We will work closely with your subject matter experts and end users to ensure your digital documentation delivers what they need, when they need it. We are able to create Level 1 through Level 4 IETM's, and all of our interactive documentation outputs are S1000D compliant.

Transform End-User Experience & Efficiency



Turn this



Into this



Augmented Reality (AR) Solutions

Mitigate Risk and Reduce Errors

Now you can leverage the latest in digital technology for your learning and development initiatives. AR is ideal when risk mitigation or error reduction strategies are critical to your success.

To ensure AR is the best solution for your application, we begin every project with a feasibility assessment. Our goal through this assessment is to quantify the investment for an AR solution. If a more cost-effective approach will deliver the same learning outcomes, we will recommend a different solution.

Ideal AR applications include:

- ✓ Infrequent, High-Risk Procedures
- ✓ Machine or System Control Simulation
- ✓ On-Demand Task Assistance
- ✓ Interactive Job Aids
- ✓ Pre-Task Practice for Error Reduction
- ✓ Quality Assurance Measures
- ✓ Real-World Product Tours

Bring Your Products to Life

Have you ever wanted the option of bringing your products to the boardroom or the factory floor, but the design or size of your product made that impossible or impractical? With AR, what was once impractical or impossible is now within your reach. Whether you build large machines or deal with hazardous materials, you can now bring your products to life, anywhere, anytime.

Let our team help you turn the impossible into a reality. Imagine the impact you will make next time you meet with:

- ✓ High-Value Prospects
- ✓ Engineering and Design Teams
- ✓ Potential Investors
- ✓ Stakeholders

Don't let reality limit your potential for higher sales, better performance, or financial stability. Ask us how AR can significantly enhance your sales, marketing, and organizational performance outcomes.



Looking for a Fully Immersive Virtual Reality Solution? Ask Us About VR.

Frequently Asked Questions (FAQ)

Who owns the content?

You do. We use your or your clients documentation to create a custom solution for each of our products. We may, from time to time, utilize universal warning or task icons; these icons are royalty-free for your custom application.

Which programs do you support?

We are able to convert most types of design files into other formats. We most often request JPEG or PDF files for images to reduce your overall project costs. Our suite of products for production, print, and digital output include:

Adobe Creative Suite
Adobe Technical Communication Suite
Adobe Captivate
Adobe Aero (AR)
Adobe XD
SharePoint Online
Crazy Talk Animator
EndNote (Reference Catalog and Tracking)
Microsoft Office Suite
Vuforia Studio (AR)
WinCatalog
Advanced File Organizer
Dyno Mapper
Unity 3D
MeisterTask (Productivity Tool)
Ganttify (Productivity Tool)
And Many More....

How much does it cost?

We competitively price our projects on an individual basis based on service hours and materials consumed. We use a standard pricing sheet for service hours and work with each client to set a realistic timeline for each project.

Do You respond to RFPs or RFQs?

Yes, for a fee. We will gladly prepare detailed proposals or quotes for solicitation of potential work for a \$2,500 service fee. Upon award of the project, the service fee will be waived and the amount paid will be applied to the actual cost of your project (limited to projects exceeding \$10,000). Service fees are non-refundable.

Are there discounts for non-profits?

Yes. We are committed to supporting select not-for-profit organizations and academic institutions in their endeavor to promote positive social support. Discounts vary based on requested services.

Do you accept profit-sharing proposals?

No. Manta Interactive is a for-profit company that earns revenue through service-based fees. While we clearly support the spirit of entrepreneurship, we will never provide services based on the "potential" for revenue.

How long does it take to complete a project?

Since the complexity varies for each project and service, there is not an accurate rule-of-thumb for estimating time without a thorough project analysis. Once we have analyzed your project, we will provide the most accurate schedule projection possible.

Do You Have More Questions?
Email morr@mantaway.com
or Call 509.294.5439