

A Boston Dynamics Spot robot is shown in a factory environment. The robot is white and black, with a camera mounted on top. The background is a blurred industrial setting with various machinery and equipment. A red square is overlaid on the top left of the image, containing the MFE Inspection Solutions logo. The text 'Boston Dynamics' is visible on the side of the robot's body.

MFE
INSPECTION
SOLUTIONS

Boston Dynamics

SPOT TRAINING

Boston Dynamics Spot Training Courses

Join MFE Inspection Solutions for an immersive training experience designed to equip you with the essential skills to work effectively with Boston Dynamics' revolutionary quadruped robot, Spot. Our training programs accommodate small groups, ensuring personalized attention and hands-on learning opportunities for each participant.

We offer three courses: **Introduction to Spot Training, Advanced Spot Training, and Deployment Day Training**

INTRODUCTION TO SPOT TRAINING

SCHEDULE TRAINING

The Introduction to Spot Training Course is designed to introduce participants to the fundamental operations and capabilities of the Spot robotic dog. This course covers basic navigation, standard operational procedures, and essential safety protocols, ensuring participants can effectively control and utilize Spot for various applications.

Students will learn to operate Spot in manual mode, understand basic sensor functions, program simple autonomous missions, and perform routine maintenance tasks. This course is ideal for individuals new to robotic systems who are looking to gain foundational skills and confidence in using the Spot robotic dog for basic inspection and data collection tasks.



COURSE BENEFITS

SMALL CLASS SIZE

- With only 2 students per session, our intimate class setting allows for focused instruction and ample opportunity for practical application.

GAIN PRACTICAL SKILLS

- Our comprehensive training curriculum provides participants with practical skills and knowledge necessary to operate Spot safely and effectively in real-world scenarios.

DEDICATED TRAINING CENTER

- Training sessions take place at MFE's state-of-the-art training center located in Pasadena, TX, USA.
- Our facility is equipped with the latest robotics equipment and resources to facilitate optimal learning outcomes.

INCLUSIVE PACKAGE

- All necessary robots, equipment, course materials, and lunch during the training sessions are provided.

CUSTOM CURRICULUM

- Tailored to meet your specific requirements, we offer customizable course modules for an additional cost.



Real World Applications



Mission Planning



Software Training



Led by Certified Experts



Advanced Spot Maneuvering



Flexible Course Formats



Receive Ongoing Support



State of the Art Facility



Earn a Recognized Certification

ADVANCED SPOT TRAINING

SCHEDULE TRAINING

The Advanced Spot Training Course at MFE Inspection Solutions is designed to enhance operational skills and maximize the potential of the Spot robotic dog beyond the basics. This course focuses on advanced maneuvering techniques, complex operational scenarios, and in-depth programming capabilities, ensuring participants can handle various sophisticated applications efficiently and safely.

Students will learn to integrate Spot with various payloads, perform complex autonomous missions, utilize advanced sensors for detailed inspections, and troubleshoot technical issues. This course is ideal for individuals seeking to elevate their robotic handling capabilities to a professional level, enabling them to perform high-level inspections, data collection, and operational tasks with the Spot robotic dog.



COURSE BENEFITS

ADVANCED MANEUVERING TECHNIQUES

- Learn to navigate complex environments and perform intricate tasks with precision.

COMPLEX OPERATIONAL SCENARIOS

- Gain experience in handling a variety of sophisticated applications, ensuring preparedness for real-world challenges.

IN-DEPTH PROGRAMMING CAPABILITIES

- Develop advanced programming skills to maximize Spot's functionality.

PAYLOAD INTEGRATION

- Understand how to integrate and utilize various payloads for enhanced inspection capabilities.

TECHNICAL TROUBLESHOOTING

- Learn to identify and resolve technical issues efficiently.



Complex Applications



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DEPLOYMENT DAY TRAINING

SCHEDULE TRAINING

MFE Inspection Solutions offers a comprehensive Deployment Training program that focuses on advanced techniques for operating Boston Dynamics' Spot, specifically the Autowalk functionality and its integration with Orbit software. This hands-on training ensures participants develop the practical skills necessary to deploy Spot effectively in real-world scenarios.

The training covers everything from the creation of basic and intermediate Autowalk paths to advanced techniques and troubleshooting. Participants will learn to implement Autowalk in various environments and integrate it with Orbit, culminating in real-world applications and exercises.



COURSE BENEFITS

HANDS-ON LEARNING

- Our deployment training program provides extensive hands-on practice with Autowalk creation and Orbit integration, ensuring participants leave with practical, deployable skills.

COMPREHENSIVE SUPPORT

- Instructors offer step-by-step guidance during the creation of Autowalks, with a focus on applying skills in both basic and advanced scenarios.

ADVANCED SKILLS DEVELOPMENT

- Participants will gain advanced techniques for deploying Spot, including the creation of basic, intermediate, and advanced Autowalk sequences, and troubleshooting technical issues.

REAL-WORLD SCENARIOS

- The training incorporates real-world deployment scenarios to simulate practical applications, ensuring participants are prepared to operate Spot in various environments.



Complex Applications



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Flexible Course Formats



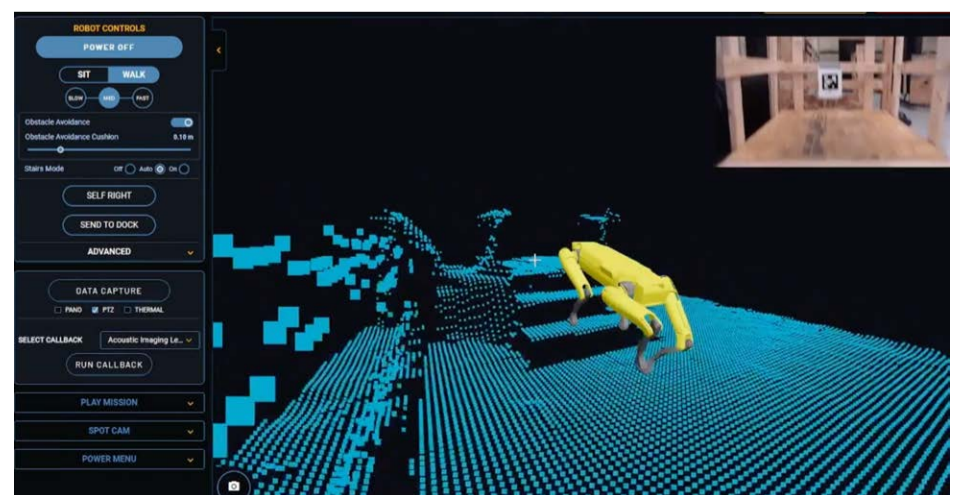
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Top 10 Reasons to Get Certified through MFE Inspection Solutions

1. EXPERT INSTRUCTORS

Learn from certified experts with extensive field experience.

2. COMPREHENSIVE CURRICULUM

Gain thorough knowledge and practical skills.

3. STATE-OF-THE-ART FACILITIES

Train in a cutting-edge environment.

4. PERSONALIZED ATTENTION

Benefit from small class sizes and focused instruction.

5. HANDS-ON EXPERIENCE

Apply learning through practical exercises.

6. INDUSTRY RECOGNITION

Receive a certification recognized by professionals.

7. CAREER ADVANCEMENT

Enhance your professional skills and opportunities.

8. ADVANCED TECHNOLOGIES

Stay updated with the latest robotics technologies.

9. FLEXIBLE TRAINING OPTIONS

Choose from various course formats and customizations.

10. SUPPORT NETWORK

Access ongoing support and resources post-training.

