





Additive Manufacturing

Whether you want to simply refresh your memory or you're new to the process. Our collection of published articles, books, videos and interviews with leading industry professionals will show you just how Additive Manufacturing is being used throughout the field of manufacturing.

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IS ADDITIVE MANUFACTURING THE ANSWER TO OBSOLESCENCE? www.euautomation.com/en/automated/magazine/article/is-additive-manufacturing-the-answer-to-obsolescence

HOW VIABLE IS ADDITIVE MANUFACTURING? www.euautomation.com/en/automated/article/how-viable-is-additive-manufacturing

TO CNC OR NOT TO CNC? www.euautomation.com/en/automated/article/to-cnc-or-not-to-cnc

THE FOURTH DIMENSION www.euautomation.com/en/automated/article/the-fourth-dimension

ADDITIVE MANUFACTURING—THE ANSWER TO OBSOLESCENCE? www.euautomation.com/en/content/additive-manufacturingthe-answer-to-obsolescence

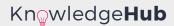


CHANGING INDUSTRY NORMS WITH ADDITIVE MANUFACTURING https://assets.euautomation.com/automated/reports/en/AdditiveManufacturing.pdf













Artificial Intelligence

Whether you want to simply refresh your memory or you're new to the technology. Our collection of published articles, books, videos and interviews with leading industry professionals will show you just how Artificial Intelligence is being used throughout the field of manufacturing.

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PUTTING AN A IN IOT

www.euautomation.com/en/automated/article/putting-an-a-in-iot

THE ROLE OF MACHINE LEARNING IN INDUSTRY

www.euautomation.com/en/automated/article/the-role-of-machine-learning-in-industry

AI FOR PRODUCT DEVELOPMENT

www.euautomation.com/en/automated/article/ai-for-product-development

CAN ARTIFICIAL INTELLIGENCE BEAT A HUMAN HACKER?

www.euautomation.com/en/automated/article/can-artificial-intelligence-beat-a-human-hacker

THE HUMAN TOUCH

www.euautomation.com/en/automated/article/the-human-touch

A BRIEF HISTORY OF ARTIFICIAL INTELLIGENCE

www.euautomation.com/en/automated/magazine/article/a-brief-history-of-artificial-intelligence

THREE AI MILESTONES

https://www.euautomation.com/en/automated/article/three-ai-milestones



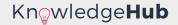
WATCH YOUR TECH

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Cyber Security

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COURAGE: THE SECRET TO DEFENDING A CYBERATTACK

www.euautomation.com/en/automated/article/courage-the-secret-to-defending-a-cyberattack

IMPROVING PRODUCTIVITY WITH FACIAL RECOGNITION

www.euautomation.com/en/automated/article/improving-productivity-with-facial-recognition

SAFE AND SOUND

www.euautomation.com/en/automated/article/safe-and-sound

EVOLVE TO STAY SECURE

www.euautomation.com/en/automated/article/evolve-to-stay-secure

CYBER SECURITY PITFALLS

www.euautomation.com/en/automated/article/cyber-security-pitfalls2

CAN ARTIFICIAL INTELLIGENCE BEAT A HUMAN HACKER?

www.euautomation.com/en/automated/article/can-artificial-intelligence-beat-a-human-hacker

PROTECTING THE GRID

www.euautomation.com/en/automated/article/protecting-the-grid

MOVING TOWARDS SECURE REMOTE ACCESS

www.euautomation.com/en/automated/article/moving-towards-secure-remote-access

THREATS TO BIOMETRIC DATA

www.euautomation.com/en/automated/article/threats-to-biometric-data

RISKS AND OPPORTUNITIES IN HYBRID CLOUD STORAGE

https://www.euautomation.com/en/automated/article/risks-and-opportunities-in-hybrid-cloud-storage

RANSOMWARE AND THE IOT

https://www.euautomation.com/en/automated/article/ransomware-and-the-iot

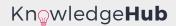
HOW ARTIFICIAL INTELLIGENCE IS CHANGING CYBER SECURITY

https://www.euautomation.com/en/automated/article/how-artificial-intelligence-is-changing-cyber-security













Cyber Security cont.

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THREE TIPS FOR CYBER SECURITY

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STAYING CYBER SAFE IN INDUSTRY

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PROTECT YOUR COMPANY AGAINST RANSOMWARE ATTACKS

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SEASON FOUR - CYBER SECURITY

https://www.euautomation.com/en/automated/euaudio/cyber-security

SEASON FOUR - EPISODE 1 - RANSOMWARE AND THE IOT

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SEASON FOUR - EPISODE 2 - AUTOMATING CYBER SECURITY

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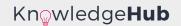
SEASON FOUR - EPISODE 3 - PAY UP OR WE'LL DOXX YOU

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Industry 4.0 / IoT

Whether you want to simply refresh your memory or you're new to the concept. Our collection of published articles, books, videos and interviews with leading industry professionals will provide insight into the future of manufacturing.



PUTTING AN A IN IOT

www.euautomation.com/en/automated/article/putting-an-a-in-iot

SHAPING THE FUTURE OF INDUSTRIAL IOT

www.euautomation.com/en/automated/article/shaping-the-future-of-industrial-iot

GAME ON!

www.euautomation.com/en/automated/article/game-on

WORKING TOGETHER IN INDUSTRY 4.0

www.euautomation.com/en/automated/article/working-together-in-industry-4.0

LEARNING THE ROPES OF INDUSTRY 4.0

www.euautomation.com/en/automated/article/learning-the-ropes-of-industry-40

EUROPE APPROACHING INDUSTRY 4.0

www.euautomation.com/en/automated/magazine/article/europe-approaching-industry-4.01

INDUSTRY 4.0: A REVOLUTION LIKE NO OTHER

www.euautomation.com/en/automated/magazine/article/industry-4.0-a-revolution-like-no-other

WHO WILL YOU BE RECRUITING FOR?

https://www.euautomation.com/en/automated/article/who-will-you-be-recruiting-for

IS ROS THE FUTURE?

https://www.euautomation.com/en/automated/article/is-ros-the-future

STRONGER TOGETHER

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AUTOMATION BRANCHES OUT

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EDGE COMPUTING FOR IT/OT INTEGRATION

https://www.euautomation.com/en/automated/article/edge-computing-for-itot-integration

AUTOMATION IN PHARMACEUTICAL MANUFACTURING

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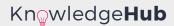
HARRY POTTER AND THE INTERNET OF THINGS

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Industry 4.0 / IoT cont.

CLOUD COMPUTING

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THREE TIPS FOR CYBER SECURITY

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WIRED VERSUS WIRELESS

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CONNECTED INDUSTRY

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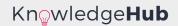
STAYING CYBER SAFE IN INDUSTRY

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Obsolescence

Whether you want to simply refresh your memory or you're new to the industry. Our collection of published articles, books, videos and interviews with leading industry professionals will show you how you can embrace obsolescence and use it to your advantage.

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RETROFITTING LEGACY EQUIPMENT

www.euautomation.com/en/automated/article/retrofitting-legacy-equipment

PLANNING FOR OBSOLESCENCE IN MEDICAL DEVICES

www.euautomation.com/en/automated/article/planning-for-obsolescence-in-medical-devices

REPLACE, REMANUFACTURE OR REPAIR?

www.euautomation.com/en/automated/article/replace-remanufacture-or-repair

PLUG AND PLAY TECHNOLOGY

www.euautomation.com/en/automated/article/plug-and-play-technology

IS YOUR FACTORY READY FOR THE FUTURE?

www.euautomation.com/en/automated/article/is-your-factory-ready-for-the-future

CONTINUING THE LEGACY

www.euautomation.com/en/automated/article/continuing-the-legacy

OBSOLESCENCE: LOOKING TO THE FUTURE

www.euautomation.com/en/automated/article/obsolescence-looking-to-the-futurel

OVERCOMING OBSOLESENCE

www.euautomation.com/en/automated/magazine/issue16

REFURBISHED VS SECOND-HAND AUTOMATION PARTS

https://www.euautomation.com/en/automated/article/refurbished-vs-second-hand-automation-parts

PREDICTIVE MAINTENANCE OF CRITICAL INFRASTRUCTURE

https://www.euautomation.com/en/automated/article/predictive-maintenance-of-critical-infrastructure

MANAGING THE E-WASTE CRISIS

https://www.euautomation.com/en/automated/article/managing-the-e-waste-crisis

THREE STEPS TO AN EFFECTIVE OBSOLESCENCE MANAGEMENT STRATEGY
https://www.euautomation.com/en/automated/article/three-steps-to-an-effective-obsolescence-

management













Obsolescence cont.

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MANUFACTURING MYTHS
5 MISCONCEPTIONS ABOUT RECONDITIONED PARTS
https://assets.euautomation.com/automated/guides/en/ManufacturingMythsEN.pdf

THREE REASONS TO CHOOSE OBSOLETE https://assets.euautomation.com/automated/guides/en/ChooseObsoleteEN.pdf

REPAIR OR REPLACE THE ULTIMATE QUESTION https://assets.euautomation.com/automated/guides/en/RepairReplaceEN.pdf

HOW TO REDUCE OBSOLESCENCE RISKS https://assets.euautomation.com/automated/reports/en/ReduceObsolescence.pdf



Season Two - Obsolesence management https://www.euautomation.com/en/automated/euaudio/obsolesence-management

Season Two - EPISODE 1 - Pre-emptive vs predictive obsolescence management https://www.euautomation.com/en/automated/euaudio/obsolesence-management/pre-emptive-vs-predictive-obsolescence-management

Season Two - EPISODE 2 - Refurbished vs second-hand automation parts https://www.euautomation.com/en/automated/euaudio/obsolesence-management/refurbished-vs-second-hand-automation-parts

Season Two - EPISODE 3 - Three innovative approaches to obsolescence management https://www.euautomation.com/en/automated/euaudio/obsolesence-management/three-innovative-approaches-to-obsolescence-management











Sustainability and the Circular Economy

Whether you want to simply refresh your memory or you're new to the concept. Our collection of published articles, books, videos and interviews with leading industry professionals will show you how the manufacturing landscape is changing to embrace new, sustainable, processes and technology.

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SMARTPHONES AND THE CIRCULAR ECONOMY

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CAN ROBOTS HELP US RECYCLE?

www.euautomation.com/en/automated/article/can-robots-help-us-recycle

WHEN WILL ELECTRIC AIRCRAFT REALLY TAKE OFF?

www.euautomation.com/en/automated/article/when-will-electric-aircraft-really-take-off

CUTTING THE COAL

www.euautomation.com/en/automated/article/cutting-the-coal

THE ENVIRONMENT — THE ULTIMATE FASHION VICTIM?

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ECO OBSOLETE TECHNOLOGY

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ENERGY EFFICIENT ROBOTS

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EMBRACING BIOPLASTICS ISN'T SO STRAIGHTFORWARD

www.euautomation.com/en/automated/magazine/article/embracing-bioplastics-isnt-so-straightforward

THE CLOCK IS TICKING ON PETROL AND DIESEL VEHICLES

https://www.euautomation.com/en/automated/article/the-clock-is-ticking-on-petrol-and-diesel-vehicles



THE CIRCULAR ECONOMY: ARE YOU READY FOR CHANGE?

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THE ADVANTAGES OF RECONDITIONED PARTS

https://assets.euautomation.com/automated/guides/en/ReconditionedPartsEN.pdf

FIVE ECO-FRIENDLY TECHNOLOGIES FOR INDUSTRY

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ENERGY EFFICIENCY'S AUTOMATION LENS

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Sustainability and the Circular Economy cont.



SEASON ONE - ENVIRONMENTAL IMPACT

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SEASON ONE - EPISODE 1 - REDUCING A PRODUCTS ENVIRONMENTAL IMPACT https://www.euautomation.com/en/automated/euaudio/environmental-impact/reducing-a-product-environmental-impact

SEASON ONE - EPISODE 2 - REDUCING THE ENVIRONMENTAL IMPACT OF A MANUFACTURING FACILITY https://www.euautomation.com/en/automated/euaudio/environmental-impact/reducing-the-environmental-impact-of-a-manufacturing

SEASON ONE - EPISODE 3 - REDUCING THE ENVIRONMENTAL IMPACT OF THE SUPPLY CHAIN https://www.euautomation.com/en/automated/euaudio/environmental-impact/reducing-the-environmental-impact-of-the-supplier-chain

SEASON FIVE - RENEWABLES https://www.euautomation.com/en/automated/euaudio/environmental-impact

SEASON FIVE - EPISODE 1 - RENEWABLES FOR ENERGY INDEPENDENCE https://www.euautomation.com/en/automated/euaudio/environmental-impact/renewables-for-energy-independence

SEASON FIVE - EPISODE 2 - RENEWABLE ENERGY FROM WASTE https://www.euautomation.com/en/automated/euaudio/environmental-impact/renewable-energy-from-waste

SEASON FIVE - EPISODE 3 - ENERGY TRANSITION - LEAVE NO MAN BEHIND!

https://www.euautomation.com/en/automated/euaudio/environmental-impact/energy-transition--leave-no-man-behind



WHAT IS A CIRCULAR ECONOMY www.youtube.com/watch?v=lv6jWSy-LTE





