Knowledge**Hub**

All the information you'll need to top up your knowledge on a range of Automation processes in one convenient place.

- Additive Manufacturing
- Artificial Intelligence
- Cyber Security
- Industry 4.0 / IoT
- Obsolescence
- Sustainability and the Circular Economy

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.

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.

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

Cyber Security

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.

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.

THREE TIPS FOR CYBER SECURITY
https://assets.euautomation.com/automated/guides/en/CyberSecurityEN.pdf

STAYING CYBER SAFE IN INDUSTRY
https://assets.euautomation.com/automated/reports/en/CyberSafe.pdf

PROTECT YOUR COMPANY AGAINST RANSOMWARE ATTACKS
https://assets.euautomation.com/downloads/mailer/ransomware/RansomwareAttacksEN.pdf

SEASON FOUR – CYBER SECURITY
https://www.euautomation.com/en/automated/euaudio/cyber-security

SEASON FOUR – EPISODE 1 – RANSOMWARE AND THE IOT
https://www.euautomation.com/en/automated/euaudio/cyber-security/ransomware-and-the-iot

SEASON FOUR – EPISODE 2 – AUTOMATING CYBER SECURITY
https://www.euautomation.com/en/automated/euaudio/cyber-security/automating-cyber-security

SEASON FOUR – EPISODE 3 – PAY UP OR WE'LL DOXX YOU
https://www.euautomation.com/en/automated/euaudio/cyber-security/pay-up-or-well-doxx-you

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
https://www.euautomation.com/en/automated/article/stronger-together

AUTOMATION BRANCHES OUT
https://www.euautomation.com/en/automated/article/automation-branches-out

EDGE COMPUTING FOR IT/OT INTEGRATION
https://www.euautomation.com/en/automated/article/edge-computing-for-itot-integration

AUTOMATION IN PHARMACEUTICAL MANUFACTURING
https://www.euautomation.com/en/automated/article/automation-in-pharmaceutical-manufacturing

HARRY POTTER AND THE INTERNET OF THINGS
https://www.euautomation.com/en/automated/article/harry-potter-and-the-internet-of-things

Industry 4.0 / IoT cont.

CLOUD COMPUTING
https://assets.euautomation.com/automated/guides/en/CloudComputingEN.pdf

WATCH YOUR TECH
https://assets.euautomation.com/automated/guides/en/WatchYourTechEN.pdf

THREE TIPS FOR CYBER SECURITY
https://assets.euautomation.com/automated/guides/en/CyberSecurityEN.pdf

WIRED VERSUS WIRELESS
https://assets.euautomation.com/automated/guides/en/wired-vs-wireless.pdf

CONNECTED INDUSTRY
https://assets.euautomation.com/automated/reports/en/ConnectedIndustry.pdf

STAYING CYBER SAFE IN INDUSTRY
https://assets.euautomation.com/automated/reports/en/CyberSafe.pdf

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.

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-future1

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.

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.

SMARTPHONES AND THE CIRCULAR ECONOMY
www.euautomation.com/en/automated/article/smartphones-and-the-circular-economy

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?
www.euautomation.com/en/automated/article/the-environment--the-ultimate-fashion-victim

ECO OBSOLETE TECHNOLOGY
www.euautomation.com/en/automated/article/eco-obsolete-technology-eot2

ENERGY EFFICIENT ROBOTS
www.euautomation.com/en/automated/article/energy-efficient-robots3

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?
https://assets.euautomation.com/automated/guides/en/CircularEconomyEN.pdf

THE ADVANTAGES OF RECONDITIONED PARTS
https://assets.euautomation.com/automated/guides/en/ReconditionedPartsEN.pdf

FIVE ECO-FRIENDLY TECHNOLOGIES FOR INDUSTRY
https://assets.euautomation.com/automated/guides/en/EcoFriendlyTechnologiesEN.pdf

ENERGY EFFICIENCY'S AUTOMATION LENS
https://assets.euautomation.com/automated/reports/en/EnergyEfficiency.pdf

Sustainability and the Circular Economy cont.

SEASON ONE - ENVIRONMENTAL IMPACT
https://www.euautomation.com/en/automated/euaudio/environmental-impact

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=Iv6jWSy-LTE