

ENVIRONMENTALLY RESPONSIBLE

SAFE & SECURE

FULLY TRANSPARENT

*We're Doing Our Part
To Save The Environment*

Are You?



✓ **Electronics Recycling**

✓ **Data Destruction**

✓ **Asset Management**

General Overview

Sunnking Inc.

SUNNKING.COM

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OVERVIEW

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- **E-SCRAP**
- **LAWS & REGULATIONS**
- **R2 CERTIFICATION**
- **SERVICES**
- **THANK YOU**





About Sunnking

- **Founded in 2000**
- **Headquartered in Brockport, NY**
- **Services New York State & surrounding areas**
- **80,000+ sq. ft. facility**
- **97% recycle rate**
- **R2 certified**
- **Safe, secure, compliant, transparent**
- **E-Scrap pick-up/drop-off available**
- **Capable of handling large quantities of e-scrap**
- **All materials are disassembled in the U.S.**
- **Downstream vendors are registered and responsible**



E-SCRAP

E-Scrap is the fastest growing waste stream in the United States.

As technology advances and manufacturing processes evolve electronics are becoming obsolete at an exponential rate.

With the realization that our natural resources are finite it is critical now more than ever to recycle and reuse valuable materials for future products as well as keeping harmful elements out of our waste streams.



Common electronics contain a variety of harmful heavy metals and toxic chemicals which pollute our water, soil, and air if not disposed of properly. They are known to cause cancer, birth defects, brain damage, and many other health complications.

Some commonly found harmful materials include:

- LEAD
- MERCURY
- CADMIUM
- LITHIUM
- BERYLLIUM
- POLYVINYL CHLORIDE (PVC)
- POLYCHLORINATED BIPHENYLS (PCBs)
- BROMINATED FLAME RETARDANTS (BRFs)

- It is estimated that 70% of heavy metals in landfills comes from e-scrap.
- Monitors and televisions with cathode ray tubes (CRTs) contain 4-8lbs of lead on average.
- Less than 20% of e-scrap is recycled in the United States.
- The U.S. dumps between 300 million and 400 million electronic items per year
- E-Scrap represents 2% of America's trash in landfills, but it equals 70% of overall toxic waste.
- About 50 millions cell phones are replaced worldwide a month, and only 10% are recycled.
- The EPA estimates that in 2007, the US generated over 3 million TONS of e-scrap. But only 13.6% of that was collected for recycling
- Over 112,000 computers (desktops and laptops combined) were discarded in 2007 in the US every single day.



LAWS & REGULATIONS

THE NYS ELECTRONIC EQUIPMENT RECYCLING AND REUSE ACT

The NYS Electronic Equipment Recycling and Reuse Act (Article 27, Title 26 of the Environmental Conservation Law) was signed into law by NYS Governor Patterson on May 28, 2010. The law will ensure that every New Yorker will have the opportunity to recycle their electronic waste in an environmentally responsible manner. The law requires manufacturers to establish a convenient system for the collection, handling, and recycling or reuse of electronic waste. Manufacturers of covered electronic equipment will be responsible for implementing and maintaining an acceptance program for the discarded electronic waste, with oversight by the NYS Department of Environmental Conservation.



R2 CERTIFICATION



Responsible Recycling Certification

Responsible Recycling (R2) Practices were developed over several years by a broad-based stakeholder group for the electronics recycling industry. Developed by the EPA, states, manufacturers, recyclers, trade groups, and NGOs, R2 is the de facto standard adopted by the industry to recognize quality, responsible recyclers. In addition to having a strong, comprehensive Environmental, Health, and Safety Management System (EHSMS) and other controls, R2 requires a recycler to:

- Develop and use a management system that covers environmental, worker safety and public health practices on-site and downstream management of end-of-life (EOL) equipment and materials;
- Establish a policy that promotes reuse and materials recovery for EOL equipment and materials;
- Comply with environmental, health, and safety legal requirements, both domestically and internationally, that are applicable to the recyclers' operations;
- Use practices to reduce exposures and emissions during recycling operations;
- Export (or arrange for the export of) focus materials only to foreign countries that accept them.
- Focus materials are: cathode ray tubes (CRTs) and CRT glass; circuit boards (unless they have had batteries and mercury-containing items removed and are lead free); batteries; and items containing mercury and/or polychlorinated biphenyls (PCBs), both in EOL equipment and when separated as components;

- Send EOL equipment and all material derived from this equipment, that contain focus materials only to facilities that are properly licensed to receive these materials, and use technology designed to safely and effectively manage these materials - whether in the U.S. or another country;
- Ensure that an electronics recycler does not use energy recovery, incineration, or land disposal as a management strategy for focus materials or equipment and components containing focus materials. However, if circumstances beyond the control of the R2 recycler disrupt its normal management of a focus material, it may consider these technologies to the extent allowed under applicable law;
- Exercise due diligence in ensuring that downstream recyclers and processors manage recycled materials appropriately, throughout the downstream recycling chain;
- Ensure that materials going for reuse are refurbished and tested for functionality, and residual focus materials are managed responsibly;
- Ensure that personal data on EOL electronics going to reuse or recycling are cleared or destroyed; and
- Track throughput and keep records; store and transport material securely and safely; and possess insurance, closure plans, and financial mechanisms to cover the potential risks of the facility.



Services

Recycle and Yield (RAY)

Sunnking's "RAY" procedure helps direct companies to determine the most effective way to treat an asset or any type of material. Whether its reusing an asset, refurbishing an asset, or dismantling it to extract its recyclable content, the Sunnking RAY procedure will help companies maximize recycling goals and achieve maximum profits.



As electronic waste proliferates, the need to dispose of old electronics in an environmentally responsible way has increased...At Sunnking, we pride ourselves on being pioneers in the recycling industry frontier...

Sunnking has been responsibly recycling end of life electronics for businesses and residents for over a decade.

Our proprietary e-scrap disassembling process sorts various electronics into their core components (metal, glass, plastic) to be further refined and made into new materials.

We accept a wide variety of electronics and equipment for processing, and guarantee that they are recycled in an environmentally safe manner according to federal and state e-scrap laws and regulations.



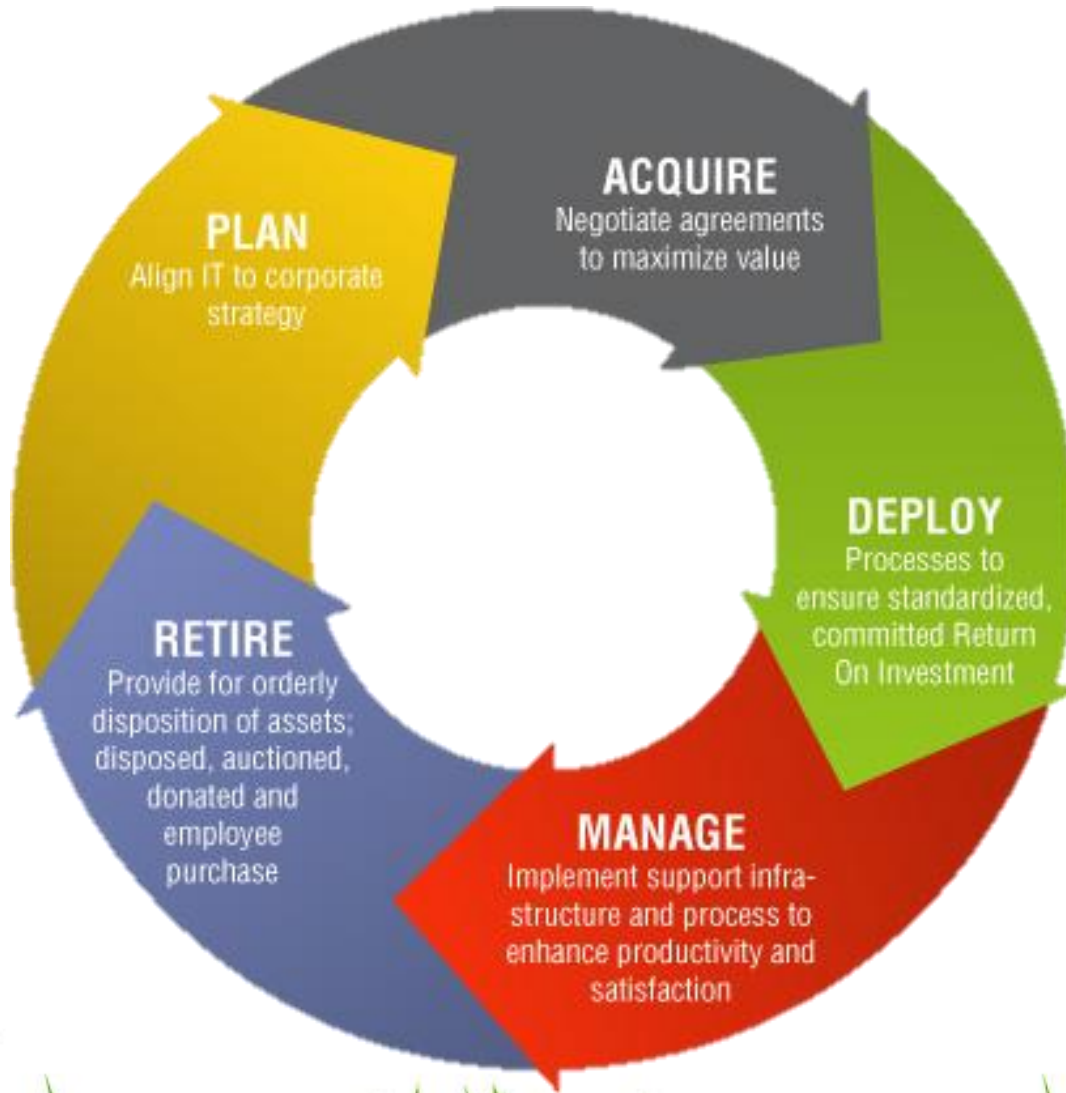
What is E-Scrap?



Desktops, laptops, printers, copiers and other equipment contain private information and data about users, employees, and clients. It's critical to keep this sensitive information safe, secure, and confidential.

Sunnking owns and operates state of the art shredding machines that completely destroys hard drives and other data storage devices making it impossible for any valuable information to survive. Hard drives that enter our facility are kept under lock and key until they are wiped clean and/or shredded.





All electronics eventually become outdated and as your business grows you'll find that you can quickly outgrow your existing technology.

Sunnking is an expert at helping your business plan for future technology obsolescence so that you can recover costs wherever possible through electronics recycling, refurbishing, and resale.

Reusing existing electronic equipment takes less energy, and is more cost effective than traditional recycling, which is why Sunnking will always look to repair and resell electronics before recycling them as e-scrap.

Our talented team of computer technicians are extremely knowledgeable when it comes to repairing a wide variety of electronic equipment for resale, and reuse.





Sunnking has partnered with eBay for over a decade and we are a proud “Top-Rated Seller.” We have the unique ability to leverage our eBay seller account and other various sales channels to get the highest return for our clients.

Because of our long lasting, quality reputation when it comes to selling used and refurbished electronics, we have a one-of-a-kind online wholesale and retail outlet, as well as the Sunnking Retail Center in Brockport, NY.

Whether your business needs to schedule a pick-up/drop-off of your e-scrap, or a complete end-to-end e-scrap solution, Sunnking can properly package and transport all materials safely and securely to our facility for processing.





Looking for a solution to host an electronics recycling event? SunKing can create a customized collection event at your location or ours to provide your employees, members, or community, an opportunity to recycle their "end-of-life" equipment in a responsible manner.

SunKing can provide all labor and logistics for running the event, including packaging, and transportation of all materials to our facility.

We have successfully hosted dozens of collection events, and have kept millions of pounds of electronics out of our waste streams, with the help of businesses, residents, charities, non-profits, and local municipalities.



Thank You!



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[Facebook.com/sunnking](https://www.facebook.com/sunnking)



[Twitter.com/sunnking](https://www.twitter.com/sunnking)

Sunnking Locations

Sunnking Electronics Recycling

4 Owens Rd.
Brockport, NY 14420

Sunnking Retail

203 Main St.
Brockport, NY 14420

Sunnking Buffalo

2 Benzel Ct.
Lancaster, NY 14086

Sunnking Shredding

384 Lee Rd.
Rochester, NY 14606