



LANGFORDS
SILVER SERVICES SINCE 1937

My family has been providing a range of silverware and associated services for more than 80 years.

I was introduced to a revolutionary nanotechnology process that prevents silver tarnishing. It is the only process that complies with EU safety regulations for food and beverages and preserves the patina of antique or new silver. It was a revelation to me and now, with exclusive rights in the UK and Ireland, I want to offer this service to all business clients who own and use silver on a regular basis. Traditional, abrasive polishing will be eliminated and the time saved will keep costs down.

While nanotechnology is a 21st century service, you will see we offer a comprehensive array of traditional and contemporary silver services for business clients, from re-plating and restoration to new bespoke commissions.

To discuss your needs call me on 020 3327 9393 or pop in to our shop in The London Silver Vaults.

Joel Langford

Joel Langford



Nanotechnology Prevents Silver from Tarnishing

AN AGE-OLD ISSUE

For centuries silver and gold have been chosen as the desired materials for making fine objects of worth. However, both these precious metals tarnish and require regular cleaning which is time consuming and wears away the surface.

Langfords, silver experts and founders of The London Silver Vaults, can prevent tarnishing through an exclusive patented technology.

Developed by Agere Srl in Italy, the process uses nanotechnology to protect silver, gold and palladium from tarnishing and wear. It is the first product of its kind that is EU tested to be safe to use with food and beverages.

TREATMENT BENEFITS

- Items no longer tarnish while protected with our treatment.
- No need for traditional silver polishing.
- Prolongs the life of gold, silver and silver-plated goods.
- Safe and complies with EU Food & Drink Regulations.
- Does not affect the taste or flavour of food or drink.
- Antique silverware can be treated without damaging the patina or surface.
- No more abrasive polishing means hallmarks and fine detail are protected.
- Time saving and therefore cost saving.
- No need for frequent replating of commercial silverware.
- Removes the need to use silver dip which can be harmful to fine silverware.
- Eliminates polluting chemicals therefore better for the environment.

Recent Clients

- The Royal Navy
- The Haberdashers' Company
- The Household Cavalry
- Lloyd's of London
- Boodle's Private Members' Club

HOTELS

- Grand Hotel et de Milan
- Mandarin Oriental, Milan
- Sheraton Hotel, Como
- Lario Hotels, Italy

JEWELLERS

- Silo
- BMC Gioella (Valenza)
- Silvex Spa
- Titan Silver
- Effe Erre



Typical Applications

SILVERWARE

- No abrasive polishing means hallmarks and fine detail are protected.
- Ornamental pieces keep their shine for longer.
- Safe to use with no damage to patina.
- No chemicals that could damage precious items.
- Reduces the requirement for replating worn silver-plate.
- Avoids the need for toxic lacquers which yellow over time.
- Saves all those hours spent cleaning.

CUTLERY

- Complies with EU Food & Drink Regulations, so safe to use.
- No impact on taste or flavour.
- Wash as normal by hand or in a dishwasher.
- Reduces the need for regular replating, or replacement.
- Protects against tarnish & corrosion created by acidic, sulphurous and salty foods.

JEWELLERY

- No tarnishing issues with stored stock.
- No colour change while under window display lights.
- Replaces expensive rhodium plating as tarnish prevention.
- Chains are nicer to handle, feel less stiff and are slinkier.
- Clasps no longer stick.
- No tarnish means skin and clothes stay clean.
- No more returns due to tarnish issues.
- No detrimental effect on precious stones.
- Customers aware that items stay brighter for longer.
- Treatment molecules repel water and keep out dirt.

MUSICAL INSTRUMENT MAKERS

- Protects the instrument from tarnish-inducing finger marks, sweat and spittle.
- No need for frequent dismantling for polishing.
- Parts move freely as the treatment provides a non-stick surface.

Here's the science

The patented technology was developed in Italy by Agere Srl in cooperation with the Department of Nanotechnology at the University of Bicocca in Milan.

In a purpose-built plant, tarnish-preventing organic nanomolecules are chemically bonded to every single molecule of silver or gold on the surface of an article. This creates a long-lasting invisible barrier that inhibits the development of tarnish by preventing air and other oxidising agents from reaching the surface of the piece.

The process has had rigorous laboratory testing, including accelerated ageing, heat, wear, salt, humidity and temperature tests. Testing in a range of commercial environments has been successful.



Agere

Photo shows untreated piece (left) compared to a treated piece after accelerated ageing tests

Treatment Options

ANTI-TARNISH TREATMENT (ATT) ONLY

Ideal for brand new manufactured items or fine antique silver where the patina must be preserved.

POLISH & ATT

Item is in good condition but a polish before the anti-tarnish treatment will return its brightness.

SILVER-PLATING & ATT

We replate - typically with a minimum of 10 microns of silver - before the anti-tarnish treatment.

RESTORATION & ATT

Sympathetic repair and restoration service, including replating and anti-tarnish treatment.

EU TESTS

The process and the nanotech surface have been through stringent EU testing by TÜV Rheinland and are fully compliant with EU Regulation of the Restriction of Hazardous Substances (RoHS); REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) which is an EU regulation protecting human health and the environment from the use of chemicals; and EU Food Contact Materials Regulation (EC) 1935/2004s in respect of non-transmission of metals, flavour, taste or odour.

CLEANING ADVICE

Once silver tableware and cutlery is protected with the anti-tarnish treatment it should be cleaned as follows:

- Use warm soapy water and a non-abrasive sponge.
- Use the dishwasher where pieces are dishwasher-safe.
- Dry using a soft microfibre cloth suitable for use on windows and glass.

For ornamental pieces on display, dirt and grime that collects on the surface should be wiped off using our pure alcohol and a microfibre cloth.

We will advise on or supply all cleaning materials needed.





“This technology works unlike any other solutions we have tried in the past.”

Silvex Spa, Jewellery Manufacturer

LARIO HOTELS, COMO, ITALY

“After a year of intensive use we love this treatment. We use our tableware regularly, washing them in the dishwasher as if they were made of stainless steel. They have maintained their brightness over time, something which was unthinkable before.”

“This is an extraordinary achievement compared to the traditional need for regular polishing by our staff.”

“We are also happy to be able to improve our environmental footprint by eliminating polluting chemicals.”

Lloyd’s of London owns the largest collection of silverware associated with Admiral Lord Nelson.

We were asked to treat two of their key silver trophies from the collection. These beautiful pieces were very intricate and dirt had built up over the years and proved difficult to remove using traditional methods.

In addition, silver dip had been used previously and where it had not been flushed away was eating away at the silver from the inside.

The trophies were cleaned and treated with the anti-tarnish treatment ensuring the patina, hallmarks and fine details are maintained and protected.





For more than 80 years our family business has been selling antique silverware and making bespoke pieces.

As founders of The London Silver Vaults our heritage and experience mean we offer 300 years of silver design plus a comprehensive range of services embracing all aspects of buying, selling, restoring and caring for silverware. Our customers regard us as their one-stop shop for all things silver!

And in a business steeped in tradition, we are offering the corporate and commercial sector a new 21st century nanotechnology which presents a solution to the age-old dilemma – preventing silver from tarnishing.

- **Antique Silver**
- **Contemporary Silver**
- **Restaurant & Hotelware**
- **Trophies**
- **Bespoke Commissions**
- **Cutlery Matching**
- **Care & Cleaning**
- **Sourcing Service**
- **Silver Plating**
- **Specialist Restoration**
- **Engraving**
- **Silver Cutlery**
- **Corporate Gifts**
- **Valuations**



Langfords offers probably the widest selection of antique and modern silver and silver-plated cutlery in the UK.

We have an extensive range of English classic and 20th century styles plus exciting contemporary shapes and continental patterns. Bespoke cutlery can be designed and produced for those with specific design needs.

Whether hand-forged sterling silver, or silver-plated for commercial use, we only sell cutlery services that are made to the highest standards.



Our commercial silverware

We supply a wide range of quality, hotel-plate tableware that is suitable for the intense needs in hotels, restaurants, clubs and livery companies. We guarantee a heavy deposit of silver plate that will endure, will not wear out and be value for money.



SOURCING QUALITY SILVERWARE

Using our extensive knowledge of the market, Langfords sources specific silver or silver-plated pieces for clients. For those wanting bespoke silverware Langfords will conceive and produce pieces to any individual design or style.



CARE & CLEANING

Whether cleaning silver or silver-plate, or pieces that have the new anti-tarnish treatment, Langfords provides all the information you need to keep your silverware in good order. We'll even send our expert cleaner to train your staff and share tricks of the trade.



Refurbish....Restore....Repair....Replate....Renew....Recreate

Durability should be one of silver's greatest attributes. In light of that Langfords is happy to give candid professional advice to maintain your silverware for years to come.

- Good quality silver plated cutlery and tableware in daily use in a busy dining room may just need a refresh from time to time. If the plate is thick enough, a professional polish will bring back the lustre and shine.
- Langfords recommends replating cutlery and tableware with a minimum of 15 microns of silver to ensure it looks bright and professional and will not need replating for years.
- Repairs to antique silver and plate need to be done professionally and sympathetically if the value and integrity of the piece is to be maintained. We have some of the most experienced silversmiths who undertake anything from simple repairs to conservation standard restoration.
- Occasionally silverware is beyond repair, or more costly to renovate than replace. We will help you find new or antique replacements, or recreate a copy of the original.
- All repairs and restoration of silver and silver plate are carried out professionally and economically – commensurate with the function, quality and value of the piece. Customers can expect us to provide long service at a realistic and affordable price.



Keeping silver relevant for the 21st Century

BEAUTIFUL, USEFUL & EVERLASTING

Silver's opulence and beauty have been acknowledged for millenia for creating that sense of occasion. Silver is the only metal that can be fashioned into such exquisite shapes and patterns and it offers unsurpassable reflective brilliance and heating properties. Looked after, it will retain its sheen, allure and usefulness for centuries.

EASY MAINTENANCE

With our new anti-tarnish treatment, silver can be protected from the aesthetic and damaging effects of tarnish and will not require the frequent traditional cleaning with toxic chemicals; while saving time and money.

IN YOUR OWN STYLE

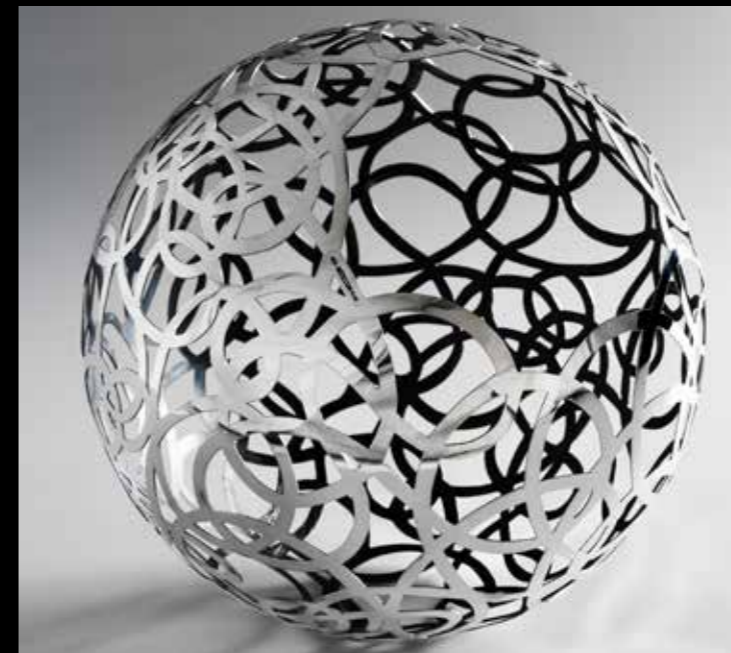
Much money and planning has gone into the look and feel of today's restaurants and hotels. Langfords has many years of experience working with designers to create silverware that complements a client's specific style, identity or theme.



Modern and Contemporary Silver

Langfords stocks a range of contemporary silver from designers such as Grant Macdonald and we are the UK's representative of Italian silver designer, De Vecchi, whose work is exhibited in design museums around the world.

Our collection of 20th century silver includes pieces by some of the most famous and collectible silversmiths such as Omar Ramsden, Stuart Devlin and Gerald Benney.



Make it personal

Bespoke silver magnum wine cradle conceived and crafted to a client's specific requirements. Traditional silversmithing skills were used to create the detailed fretwork with twisted grape and vine ornamentation to produce a highly decorative piece.



We recreated a hand-forged silver cutlery service where the original 170-year-old dies no longer exist.

Langfords first created a new, sharp die for each different item of cutlery. It is critical that the die is perfect to ensure the silversmith can hand forge each piece with a consistent and sharply defined pattern.



Bespoke commissions from bespoke craftsmen

Langfords has a reputation for creating fine bespoke pieces. We will make anything in silver!

A wide variety of private clients and organisations commission us to produce unique pieces. Her Majesty's Armed Forces, embassies, livery companies, guilds, restaurants, hotels, private clubs and sporting associations.

SEAWANHAKA CHALLENGE CUP

Langfords was commissioned by the Seawanhaka Corinthian Yacht Club in New York to recreate their prestigious Seawanhaka Challenge Cup – the oldest sailing trophy in the world after the original was swept away in Hurricane Katrina.



PRIVATE YACHT

Wanting to give her husband the most personal of gifts, our client assigned Langfords to work from the ship builder's plans to fashion and create an exact replica of his most treasured boat in silver.



LONDON IRISH RIFLES

The battalion wanted a unique piece to mark the end of London Irish Rifles as a distinct regiment.

The figure was to be in modern, battle uniform as worn in Afghanistan, wearing their characteristic caubeen (cap).

The piece demonstrated how the traditional silversmithing techniques of our craftsmen were married with the latest technology to produce a tailor-made work of outstanding quality.



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Vaults 8 & 10

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Langfords is LAPADA registered enabling us to provide expert appraisals & valuations for all your silver.



Front cover: Life-size silver articulated lobster caviar dish. For sale at Langfords.

