



**Engineering Solutions for
Pharmaceutical, Food & High Tech Factories**



Welcome to Smart Manufacturing

Smart Manufacturing primarily serves the food and pharmaceutical industries, helping to improve their manufacturing plants by providing bespoke material handling equipment such as conveyor systems, vessels and rotary tables as well as ducting, pipework, kerbing, etc., for the factory building itself.

Smart Manufacturing typically works very closely with client manufacturing personnel to develop auxiliary equipment and facilities to suit their manufacturing processes.

Smart Manufacturing's commitment to understand the client's exact requirements coupled with their expertise in the cutting, shaping and welding of food and pharmaceutical grade stainless steel and their ability to develop effective engineering solutions is what sets them apart from their competitors.

Smart Manufacturing also has the capability to develop bespoke systems from initial conception through to installation and testing.

If you would like to discuss how we might be able to improve your manufacturing processes please contact us:

Tel: 01237 471977

Fax: 01237 478779

Email: sales@smart-manufacturing.co.uk



<i>About Us</i>	<i>Page 3</i>
<i>Our Clients</i>	<i>Page 4</i>
<i>Our Services</i>	<i>Page 5</i>
<i>Material Handling Within Factories</i>	<i>Page 6</i>
<i>Improving The Factory Building ...</i>	<i>Page 7</i>
<i>Developing Bespoke Systems</i>	<i>Page 8</i>
<i>Sub-Contract Manufacturing</i>	<i>Page 9</i>
<i>Our Products</i>	<i>Page 10</i>
<i>Our Capabilities</i>	<i>Page 12</i>
<i>Testimonials</i>	<i>Page 13</i>
<i>Capacity List</i>	<i>Page 14</i>
<i>How to Find Us</i>	<i>Page 15</i>



About Us



Smart Manufacturing was founded in 1986 and since then has seen steady growth.

Our 800 square metre factory in Bideford is equipped with the latest technology and our dedicated workforce are both experienced and capable. The factory has recently been extended to add a further 400 square metre dedicated "clean" assembly area which will increase productivity and enhance the quality of our operation.

Our philosophy is quite simple - we combine teamwork and technology, wherever we can, to exceed our client's expectations in terms of the quality of the work and the services we provide.

Over the years we have learnt about the manufacturing processes of our clients in the food and pharmaceutical industries and have become expert in producing engineered solutions to help them become more efficient. Our aim is always to develop complete engineering solutions that improve the productivity of our customer's business.

We do this by combining the knowledge and skills that we have built over 25 years:

- knowledge of the food, pharmaceutical and other high tech manufacturing industries
- expertise in the cutting, bending and welding of Stainless Steel and aluminium
- ability to develop engineering solutions to our customers problems
- ability to bring together all the elements (engineering, electrics, installation etc.) of the solution
- expertise in installing and commissioning equipment

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Our Clients

Our clients come from various industries but we find that our services and products are mainly used to increase the efficiency of production lines in the Pharmaceutical and Food sectors.

Below are some of the clients we have worked with over recent years:

Food

Buckingham Foods Ltd
Ernest Jackson Ltd (Kraft Group)
Ginsters
H J Heinz Co Ltd
Hobart Manufacturing UK
Isleport Foods (Bakkavor Group)
Kates Cakes
Kerry Foods (Poole) Ltd
Okehampton Desserts Ltd
Proper Cornish Ltd
Project and Process Solutions Ltd
The Cheese Company Ltd (Milk Link)
Uniq Prepared Foods
W C Rowe (Falmouth) Ltd
Wrigley Company Ltd

Other

Devon County Council
Incentive Facilities Mgmt Ltd
Lundy Island Company
Millaquia
National Autistic Society
Newberry Systems Ltd
Parker Group Plc
Pearce Construction Ltd
SFL Limited (Formerly Selkirk Flue)
Specsavers
TDK Lamda Ltd
The National Trust
Tyco Electronics
Vertical Technology Ltd

Pharmaceutical

Actavis Uk Ltd
Astra Zeneca UK
Environmental Water Systems Ltd
Epsilon Pharmservices Ltd
Glaxo Smith Kline UK
National Blood Service (NHS)
Pall Manufacturing Uk Ltd
TSL Projects



Our Services

Smart Manufacturing specialises in helping its clients to improve the productivity of their manufacturing plants.

Whilst we work with clients in many high-end sectors we primarily serve the food and pharmaceutical industries.

Our services include:

- Making our clients factories more productive by Improving material handling within factories.
- Improving factory buildings to make sure they are safe and efficient.
- Working with clients to develop bespoke engineering solutions for their manufacturing challenges.
- We are also able to carry out more complex sub-contract manufacturing (cutting, bending and welding) in stainless steel.

If you would like to discuss how any of our services might help you please contact us:

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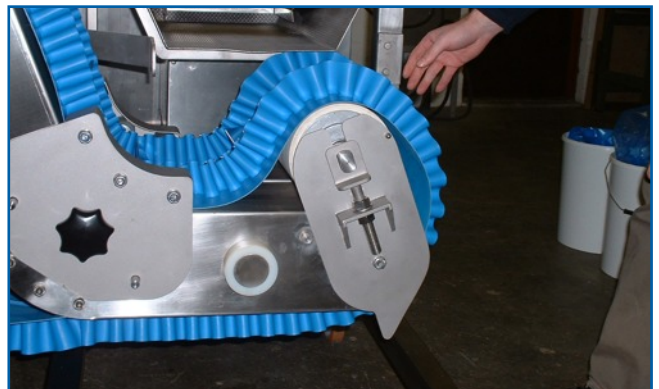


Improving Material Handling Within Factories

Many of our clients have invested in large and expensive production machinery but often find that they cannot realise the capacity of their equipment because they are not able to bring materials to and from their production lines in a safe, efficient and timely manner.

This is where Smart Manufacturing can help. We understand how productivity can be improved in such situations and we have the expertise and experience with all types of materials handling machinery to develop the auxiliary equipment needed.

Our material handling solutions utilise Conveyors, Elevators, Storage Equipment, Handling Equipment and Rotary Tables as



necessary and are tailored to each clients particular requirements.

If you would like to discuss how we might be able to improve materials handling in your factory please contact us:

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Improving the Factory Building

Running an efficient factory does not just depend on the productivity of its machinery - there are many other factors which need to be taken into consideration.

The efficiency and effectiveness of the services supplied to the factory for example are usually key to a factory's quality of operation - particularly in the areas of ventilation, cleanliness and safety.

Smart Manufacturing is experienced in manufacturing and installing many types of equipment to improve factory buildings:

- General Ventilation
- Local Exhaust Ventilation (LEV) systems
- Ducting for Air Conditioning
- Heat Exchange Systems
- All types of Extraction Systems
- Pipework
- Kerbing
- Staircases
- Access Walkways

If you would like to discuss how we might be able to improve your factory building please contact us:

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Developing Bespoke Systems

At Smart Manufacturing Ltd, we offer a full Special-Purpose Machinery package from site surveys and conceptual design through to delivery, installation and commissioning.

Special-Purpose Machinery products are designed and manufactured in-house to provide our customers with comprehensive solutions to even the most challenging of problems.

Recent Special-Purpose Machinery (SPM) projects include;

- National Blood Service Filtration Conveyor Machine
- Pharmaceutical Lifter/Elevator Machine
- Cheesecake Crumb Depositor & Base Spinning Machine
- Christmas Pudding Depositor & Tamping Machine

If you would like to discuss how we might be able to design a bespoke engineering system for you please contact us:

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Sub-Contract Manufacturing

In addition to our specialist facility we are able to handle high quality sub-contract work with a wide variety of materials (although we specialise in food/pharmaceutical quality stainless steel fabrication).

Our high tech equipment enables us to work with various materials:

- Mild Steel
- Stainless Steel
- Aluminium
- Copper
- Galvanised Steel
- Plastics

and we can carry out the following work on a subcontract basis:

- Sheet Metal Work
- Laser Cutting and profiling
- All Types of Welding
- Polishing and De-burring
- CNC Machining
- Fabrication and Assembly

If you would like to discuss sub-contract manufacture please contact us:

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Our Products

Conveyor systems

Our conveyors are designed and manufactured to exceed customer requirements and suit a variety of applications. At Smart, we offer an extensive service from initial site inspection through to installation and testing.

Our current product range includes the following;

- Modular Belt Conveyors
- Polyurethane Belt Conveyors
- Wire Belt Conveyors
- Slat band Conveyors
- Powered and Gravity Roller Conveyors
- 90° Conveyors
- Spiral Conveyors

Our Conveyors are reliable, low maintenance and cost effective. Control options can be a simple Start /Stop or full PLC control.

Special vessels

At Smart Manufacturing Ltd., we design and manufacture Mixing Vessels to the highest standards to meet the demands of our customers. The entire vessel can be tailored to suit any situation and any specification, and then manufactured to the highest quality standards in 316 grade Stainless Steel. All welds are ground smooth for a hygienic, crevice-free surface finish.

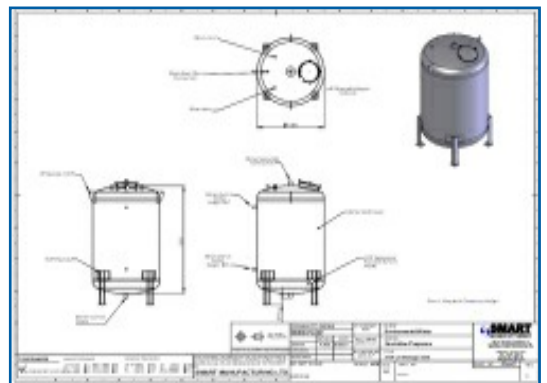
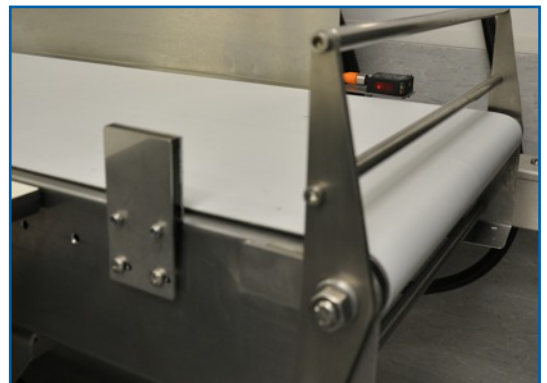
All Smart Vessels are designed and manufactured to BS EN ISO 9001.

- Tanks & Holding Vessels
- Mixing Vessels

Handling Equipment

Made from Stainless Steel or Aluminium, our Handling Equipment is strong and durable whilst remaining lightweight and manoeuvrable thus giving extensive easy use and a long service life. These products are designed and manufactured to BS EN ISO 9001 standards.

- Trolleys
- Trays
- Tables
- Pallets
- Lifting Mechanisms



Our Products

Storage Equipment

Smart Storage Equipment provides hygienic, strong and durable storage alternatives, for use in many environments from chill rooms and cold stores to hot industrial kitchens.

- Racking / Shelving
- Cold Room Equipment

Hygiene Equipment

Designed and manufactured to give maximum hygiene utilising a fully welded, crevice-free construction providing a hardwearing, easy-to-clean surface finish. Available in a range of materials, all Smart Hygiene Equipment is designed in-house to suit the specific location and tailored to fulfil the customer specification. Delivery and site installation is also available if required.

- Sinks
- Tables
- Boot Racks
- Boot Wash Systems
- Changeover Benches
- Sub-Surface Drainage Systems

All Smart Hygiene Equipment is designed and manufactured to BS EN ISO 9001.

Factory and Utility Apparatus

Smart Factory and Utility Apparatus is available in Aluminium, Stainless Steel or Mild Steel, providing strong and durable solutions within the factory. We offer tailor-made access stairways, steps and platforms, designed in-house to suit the specific situation almost any size or shape is achievable! All our products are hygienic throughout design and construction, easy-to-clean, maintenance free, and finished to a high standard.

All Smart Factory & Utility Apparatus is designed and manufactured to BS EN ISO 9001.

- Access Stairways
- Gantries
- Platforms
- Steps & Staircases
- Doors & Skirting
- Kerbing



Our Capabilities

Smart Manufacturing has the staff and equipment required to offer its clients a complete product development package.

Our modern factory has been developed to provide a flexible resource which, when coupled with a wide range of skilled personnel, enables efficient manufacture whether the requirement is for a small single component or an extensive integrated system.

Smart Manufacturing provides a comprehensive fabrication, sheet metal and machining service. Our ability ranges from the profiling of CAD generated shapes using our in-house laser machine to the hand finishing of polished components.

Our key strength lies in our ability to develop upgrades and improvements to our client's production lines resulting in either cost savings, capacity improvements or both.

Our electrical engineers have extensive experience within the commercial and industrial environments. Our electrical installations range from simple conveyor speed control to integrated pick and place systems incorporating pneumatic, electrical and PLC (Programmable Logic Control) systems. All work is carried out to a high standard incorporating the latest wiring and safety regulations.



We can handle a range of turnkey projects from initial concept design through prototyping, small production runs and volume production through to analysis, testing and conclusion.

We work closely with our customers to provide a versatile and efficient service, ensuring that the final product fulfils its specification and meets or exceeds our customers requirements.

Smart Manufacturing has a good reputation for ventilation, dust extraction and air conditioning systems. We offer our customers a complete design, manufacture and installation service. Our air handling systems range from fully ducted to single-split units for use within food, pharmaceutical and other high tech industries.

Quality remains paramount throughout all the work at Smart Manufacturing and our products and services conform to BS EN ISO 9001.



Testimonials

"When we were in the process of setting up our new blood filtration facility in Filton, Smart provided us with a very good service. They listened to our requirements, helped us formulate our ideas and came up with a design that supported our new operating process. They built, installed and continue to maintain the system which works very well for us. Smart have also helped us with subsequent developments that have significantly improved our efficiency."

Nick Tandy, National Blood Service

"Smart Manufacturing have done a very good job for us and I have managed to get on swimmingly well with the staff that I have dealt with (it is a pleasure to be frank) they have always done their best to help us and get jobs done as quickly as possible. Overall I am very pleased with Smart."

Patrick Cooke , TSL Projects



"They have done good work for us for years. Their ability to work out of hours and fit in with our production needs is key to how we use them."

Roger Mortimer, Actavis

"At Actavis we have a very good working relationship with Smart Manufacturing which we hope will continue. We require high quality work/workmanship along with competitive prices and we get that from Smart."

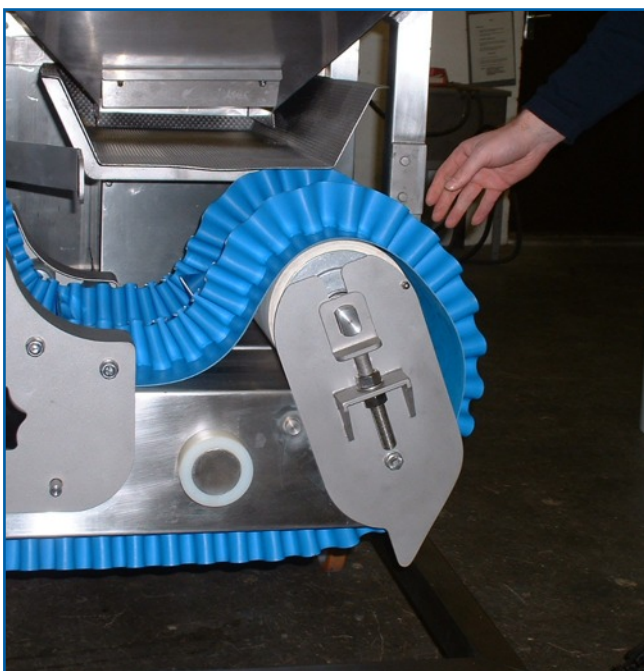
Carl Riccard, Actavis

"We have worked with Smart Manufacturing for some time now. Their ventilation systems and stainless steel fabrications are to a good standard, they provide a quick turnaround and are competitively priced. Their ability to do "one off jobs" to meet our particular requirements is very important to us and sets them apart."

David Courtney, Buckingham Foods

"Smart Manufacturing are flexible and always good to work alongside to achieve what we want. Some companies see a large company and think they can sign their own work list just to make work. Smart Manufacturing do what you ask."

John Metcalfe



Our Capacity List

Design

2D / 3D Design Capability
Solidworks 2008
Linea5 Laser Profiling Software
Production Data Management Software
Integrated 2 & 3 Axis CNC Turning / Milling
DNC (Direct) Linked Laser Profiling Equipment
A4 To A1 Full Colour Plotting
Iso 9001 Accreditation From B.M Trada Certified.



Machine Shop

Mill	XYZ (Z) DPM4000 Prototrak	250 X 350 Bed
Mill	XYZ (XT) KRV 3000 Prototrak	1200 X 300 Bed
Lathe	XYZ Proturn	410 350 X 1000 mm
Lathe	Colchester Mascot	1600 600 X 1250 mm
Pillar Drill		20 mm

Fabrication (M.I.G/T.I.G)

Heltec	Fixed 3 - Phase Ac/Dc
Murex/Transtig	Fixed 3 - Phase Ac/Dc (No. 255)
Murex /Transtig	Fixed 3 - Phase Ac/Dc (No. 260)
Murex /Transtig	Mobile 1 - Phase Dc (No. 160I QTT3)
M.I.G	Lincoln Electric Ln/442/CV350T
M.I.G	Automig 271 - Murex
T.I.G	Stick Welder 3 - Phase

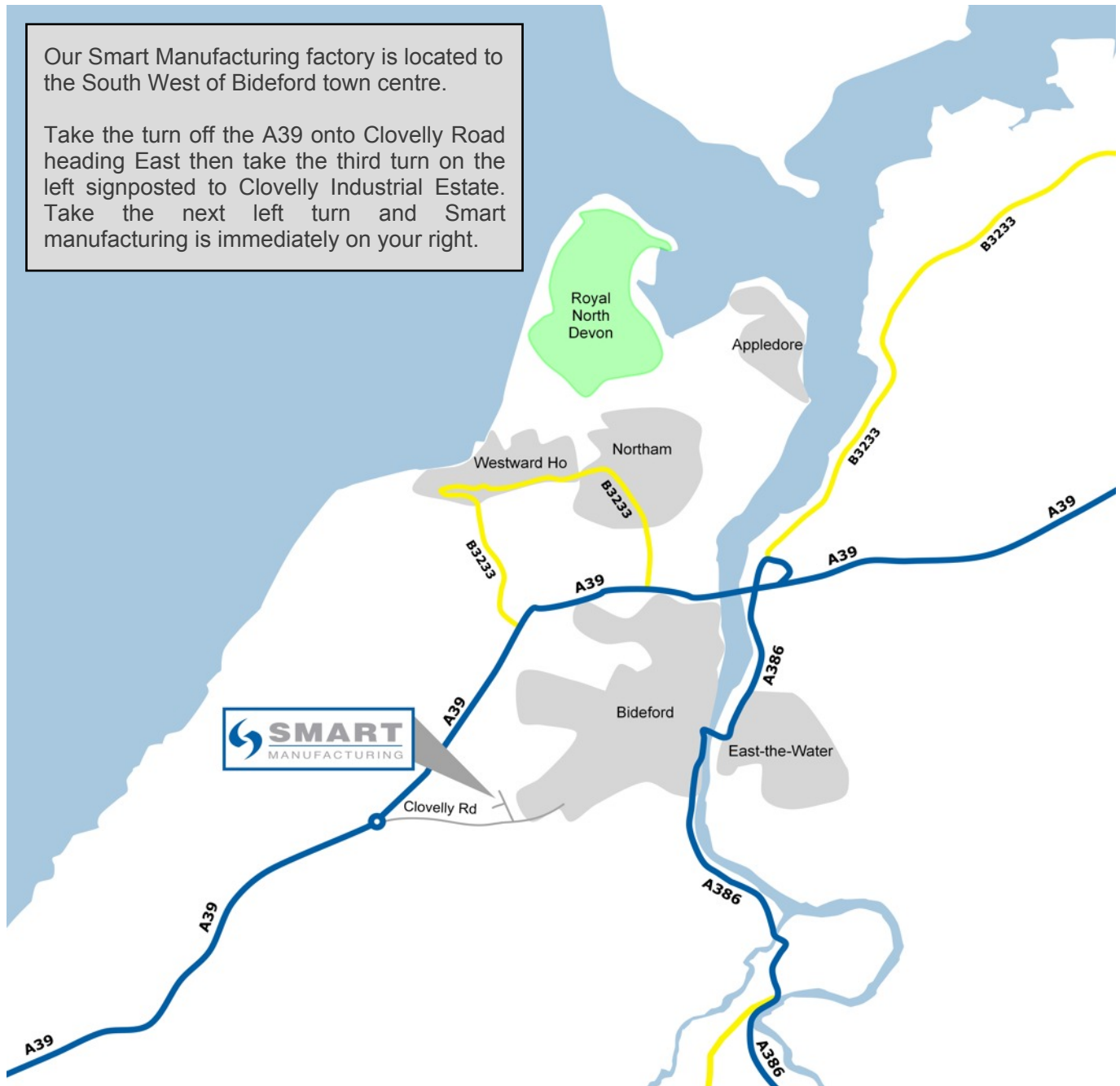
Batch Production

CNC Laser Cutting	Amada
CNC Press Brake	Amada
FLT Press	Norton
Pneumatic Punch	Dessouter 8056
Earing Machine	Hydraulic
Iron Worker	Pirana
Cropper	Euromac Multi 220/6
Hand Roller	1250 Width 10 Swg
Hand Folder	1250 Width H.S35 14 Swg
Lockformer	Harles & Anthony Charter
Hand Swager	Almore
Spot Welder	S.I.P 240/415 (15 K.V.A)
Band Saw	Startrite Hb 225 m "200 mm"
Chop Saw	Tiger 350 150 mm
Band Saw	Thomas 175 mm
Circular Cutter	Frost 3991 2 mm Al

How to Find Us

Our Smart Manufacturing factory is located to the South West of Bideford town centre.

Take the turn off the A39 onto Clovelly Road heading East then take the third turn on the left signposted to Clovelly Industrial Estate. Take the next left turn and Smart manufacturing is immediately on your right.





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EX39 3HN

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