



Capability Statement





From engineering design through to maintenance.



Construction

DIAB has years of industrial construction experience including recent projects up to \$65m in contract value.



Maintenance

Since 1970 DIAB Engineering has built a reputation for 'no fuss', reliable maintenance solutions to West Australian sites.



Manufacturing

Our comprehensive in-house manufacturing services include fabrication, welding repair, engineering and machining.



Equipment Hire

We have a large inventory of equipment for hire and provide supervisors, qualified operators and fitters as required.



About DIAB

Since 1970 **DIAB Engineering** has been providing **high quality, reliable, integrated engineering services** for projects in the resource sector.

DIAB Engineering provides industrial maintenance and fabrication services to the mining industry and has a proven track record in safe, quality execution of major projects in remote and difficult terrains on time and on budget. Operating from facilities in Western Australia and Victoria, DIAB Engineering maintains permanent mining maintenance services operations at remote mining sites across Australia and internationally.

The success of DIAB Engineering is built on its people and its customers. The management team has a proactive and innovative approach to address clients' critical needs and empower DIAB employees with the attitude to truly understand the customer needs and to do whatever it takes to fulfil those needs.

All business transactions are based on honesty, commitment, self-belief, integrity and loyalty. The loyalty that has kept mining maintenance customers for decades has also led to long, rewarding careers for DIAB Engineering's employees.

DIAB Engineering is committed to ensuring the safety of all employees, contractors, customers, visitors and communities associated with our operations.

From instigating and implementing effective safety management systems through to monitoring and analysing safety performance, DIAB pursues safety excellence and is formally certified for integrated management systems conforming to the following standards: ISO 9001:2015, ISO 14001:2015, AS/NZS 4801:2001 and OHSAS 18001:2007.

- We aspire towards excellence by upholding values that focus on our customers, employees and safety culture.
- We partner with clients to offer innovative and complete engineering solutions.
- We demonstrate a "can do" style of leadership throughout the organisation.

Our Core Business

01.
Construction of
Industrial Plant
Infrastructure.

02.
On-site
Maintenance
& Shutdown
Services.

03.
Crusher
Servicing & Rebuild
Specialists.

04.
Steel Design
& Fabrication
Services.

05.
On-site Project
Management
Services.

06.
Off-site
Refurbishment
Services.

07.
Engineering
Design & Drafting
Services.

08.
Scaffolding
Services, Supplies
& Shutdown
Software.

DIAB
ENGINEERING





Construction of Industrial Plant Infrastructure

- Engineering, procurement and construction
- Structural, mechanical, piping and electrical specialists
- Specialists in mills and scrubber installations

DIAB Engineering has over 50 years of industrial construction experience.

DIAB is recognised by its customers for 'no fuss' solutions and exceptional support during the delivery of construction projects. DIAB has successfully completed construction projects with a zero-incident safety record.

With over 900 permanent / casual employees and access to a network of over 3,500 qualified construction and trade staff, DIAB Engineering is able to provide on-time, on-budget large-scale construction services.

- Minerals processing plant construction
- Conveyor and transfer tower construction
- Dewatering plant and filter press building construction
- Crushing and screening plant installation
- Structural, mechanical, piping and electrical



On-site Maintenance & Shutdown Services

- Long term on-site maintenance labour hire support
- Shutdown management and labour hire support
- Emergency breakdown support

DIAB Engineering is a preferred supplier for providing shutdown workforces for fixed plant maintenance on mine sites.

DIAB Engineering provides on-site repair and maintenance services for the mining sector including surface and underground processing equipment, repairs and/or refurbishments and regular maintenance programs that focus on maintaining equipment to avoid major breakdowns.

We understand your profitability is a by-product of good asset management and we work hard to ensure you are supplied with the right team of specialists to meet your business needs.

- Shutdown execution
- Crusher rebuilds
- Ad hoc labour hire
- Breakdown support maintenance projects
- Belts & conveyors
- Tool store support
- Non destructive testing (NATA accredited)



Crusher Servicing Specialist Tooling & Equipment

Concave Knock-In Bins

Concave knock-in bins are designed & manufactured by DIAB Engineering as a time saving tool for removing old concaves from gyratory crushers.

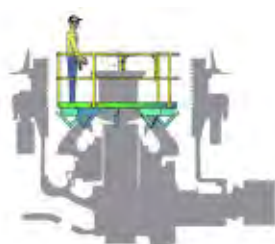
The bins catch the concaves as they are knocked away from the crusher shell thereby eliminating the need to remove each concave one by one.

We have many existing designs for gyratory crushers or we can custom design to suit your specific crusher. Our customers typically experience a reduction of their concave removal duration of 30% to 50%.

MP1000 Head Stand

Based on an extensive history of working on MP1000 crushers, the DIAB Engineering head maintenance platform is a highly versatile maintenance device which allows for all the common on-site head refurbishment tasks.

The head maintenance platform is also supplied with a donut platform which combined, are an essential part of an MP1000 refurbishment toolkit.



Concave Installation Jigs

The concave installation jigs enable a complete row of concaves to be installed at a time, rather than lifting the new concaves into position individually.



Other Specialised Tooling & Equipment

- MP1000 bowl spanner
- Gyratory crusher spider stands
- Gyratory crusher spider access platforms



Crusher Servicing & Rebuild Specialists

- Specialist off-site OEM pre-assembly of crushers
- Specialist off-site welding and machining refurbishment
- Specialist on-site servicing and rebuilds
- Non destructive testing (NATA accredited)

DIAB is uniquely positioned in having both extensive specialist crusher knowledge and experience, and best-in-state heavy engineering workshop equipment facilities.

DIAB pre-assembles Metso MP1000 cone crushers and gyratory crushers at its Geraldton workshop. DIAB has pre-assembled over 40 crushers in total, some of which, when assembled, weigh over 160 tonnes.

Our workshop includes heavy equipment specifically for crusher machining and refurbishment.

Specialised crusher equipment includes a CNC vertical lathe, welding rotator and a heat treatment furnace.

DIAB Engineering has successfully delivered a range of on-site and off-site specialist crusher servicing to clients such as Citic Pacific, Roy Hill, FMG, KCGM, Newmont and Newcrest.





Steel Design & Fabrication

- Fabrication, welding repair, engineering and machining
- Comprehensive in-house capabilities
- Fabrication, welding repairs, machining
- Non destructive testing (NATA accredited)

Our off-site work is carried out at our facilities in Western Australia & Victoria.

Our Geraldton workshop has almost 9,000m² of workshop space and is the largest, most equipped modern facility in the Mid-West region of Western Australia. It is strategically close to the North West and Mid-West mining areas providing a 'one-stop' engineering and fabrication facility to cater for practically any purpose.

State-of-the-art equipment includes:

- CNC vertical lathe & profile cutter
- CNC structural beam line & bandsaw
- Tunnel shot blasting machine
- CNC kinetic profile & plasma cutter
- Welding rotator with welding equipment
- Heat treatment furnace
- CNC pipe profiling line
- Robotic fabrication and welding line

With over 900 employees and access to a network of over 3,500 qualified trade staff, DIAB Engineering is able to provide on-time, on-budget large-scale steel design and fabrication services.



On-site Project Management & Support Services

- Track record of innovative and efficient service delivery
- Engineering, drafting, fabrication and installation
- Specialist equipment, tool trailer, and crane hire

DIAB has a comprehensive fleet of mobile and all-terrain cranes available for on-site hire.

In order to provide large workforces to multiple mine sites concurrently, we have a well-resourced project management team using the latest software to track the location, qualification, tickets and skill sets of all our personnel ensuring we can quickly assemble a workforce suitable for the task.

DIAB Engineering has two 40 foot tool trailers with each containing approximately \$700,000 worth of tooling and six tool containers with each containing approximately \$300,000 worth of tools and equipment required to perform efficient execution of shutdowns, project mechanical works and construction projects.

Our Crane Fleet

250T	Terex	2012
200T	Liebherr	2010
100T	Liebherr	2011
3 x 55T	Kato	2011
3 x 25T	Franna	2012
3 x 20T	Franna	2012



Off-site Refurbishment Services

- Machine workshop
- CNC vertical lathe workshop
- Heat treatment
- Clean room (fitting workshop)
- Abrasive blast and industrial paint sheds
- Rubber lining workshop
- Mechanical overhaul
- Non destructive testing (NATA accredited)

DIAB offers a comprehensive range of refurbishment services from its West Australian facility.

Our pressurised fitting workshop is dust free and our blasting facility includes a tunnel shot blasting machine. DIAB's workshop facility in Geraldton includes an industrial paint shed, blasting shed and a rubber lining workshop.

- Gearboxes
- Crushers
- Tanks
- Excavator booms
- Rotable chutes and buckets
- Conveyor Pulleys

Engineering & Design Drafting Services

- Innovation is the key
- Design & fabrication of specialised tooling & equipment
- Creation of specialised procedures

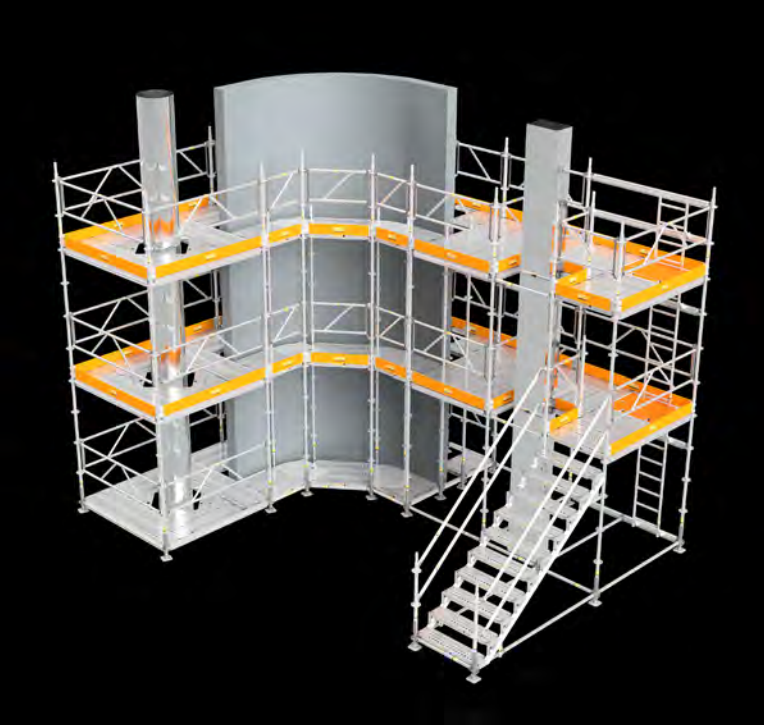
DIAB Engineering has successfully delivered a range of project management and support capabilities to clients such as BHP Billiton, Newmont, Rio Tinto, and Newcrest.

- Engineering & drafting
- Fabricating & off-site welding
- Machining
- Engineering projects
- Scaffolding & rigging
- Cranes and equipment hire
- QA/QC
- Transport
- Non destructive testing (NATA accredited)

DIAB offers in-house engineering and design services.

This gives us the ability to take a concept from its inception through to shop detailing and the final delivery of goods. A typical example of a DIAB-designed and manufactured item is our range of crusher servicing specialised tooling and equipment, inclusive of:

- Concave knock-in bins
- Concave installation jigs
- Crusher head stand access platforms
- Spider support stands
- Crusher bowl spanners
- 100+ belt winders



MonZon No Limit Aluminium Scaffold

As the exclusive Australasian supplier of MonZon Scaffolding, DIAB provides rapid, game-changing scaffolding solutions that save our clients time and money.

The MonZon NO LIMIT™ scaffolding system was developed as a result of many years of research and studies with scaffolders and users from all over the world from the construction industry to the resource sector

Scaffolders want one system that can be built faster, one system that is as flexible as tubes and couplers but also as easy to erect as frame scaffolds. One system that must be light and strong to improve ergonomic aspects with no compromises on safety. This system, is MonZon's No Limit scaffold.

Modular vs MonZon No Limit



49% lower weight with NO LIMIT™



26% fewer components with NO LIMIT™



33% faster assembly with NO LIMIT™



50% lower labour costs with NO LIMIT™

iPlan Shutdown Software

To improve delivery time and reduce overheads DIAB uses iPlan Ultimate software.

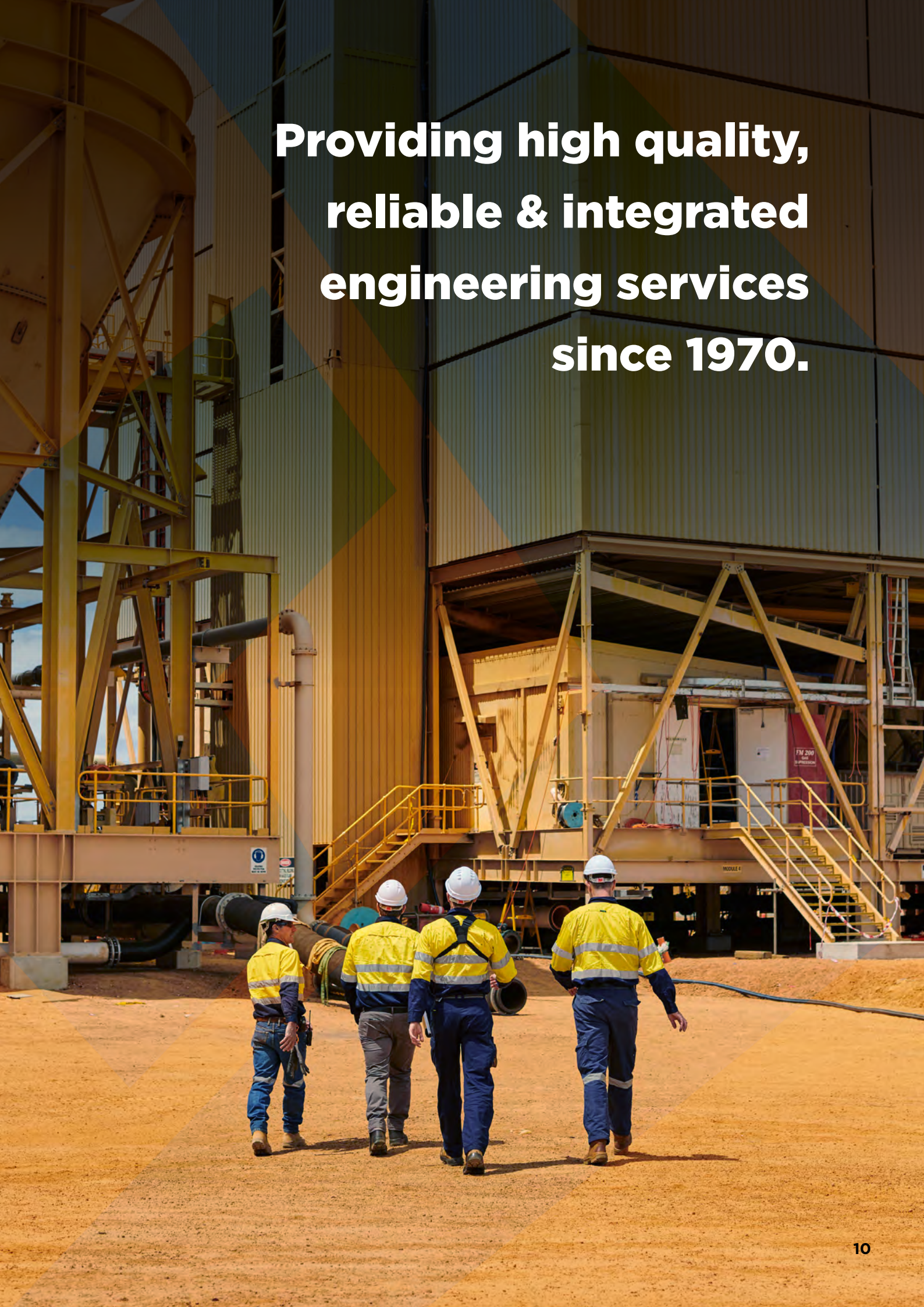
Using iPlan's proven maintenance management framework, which was developed in conjunction with BP, DIAB is able to effectively manage maintenance in the mining, agricultural and processing industries – from routine maintenance programs to shutdowns, turnarounds and outages at processing plants, port facilities, mining infrastructure and power stations.

DIAB use iPlan Ultimate to assist through key maintenance stage gates, reducing the risk of poor:

- Scope management
- Resource management
- Cost control
- Equipment knowledge retention

iPlan uses the Monte Carlo risk model to help reduce the risk associated with maintenance by determining if the scope is achievable with the allotted time period, thereby eliminating detailed planning for activities that should not be included in the scope.

With iPlan Ultimate DIAB can retain all historical equipment records/work packs. This history can be reused time and time again, reducing the time needed for re-planning.

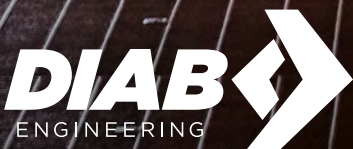
A photograph of an industrial facility, likely an oil or gas processing plant. In the foreground, four workers wearing high-visibility yellow and blue uniforms and white hard hats are walking away from the camera on a dirt path. The background features large industrial structures, including a tall yellow tower and a large building with a corrugated metal roof. A semi-transparent geometric overlay in shades of blue and green is positioned behind the text.

**Providing high quality,
reliable & integrated
engineering services
since 1970.**

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Ready when you are



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