Maximum plant availability for maximum profitability

IA®
InterApp
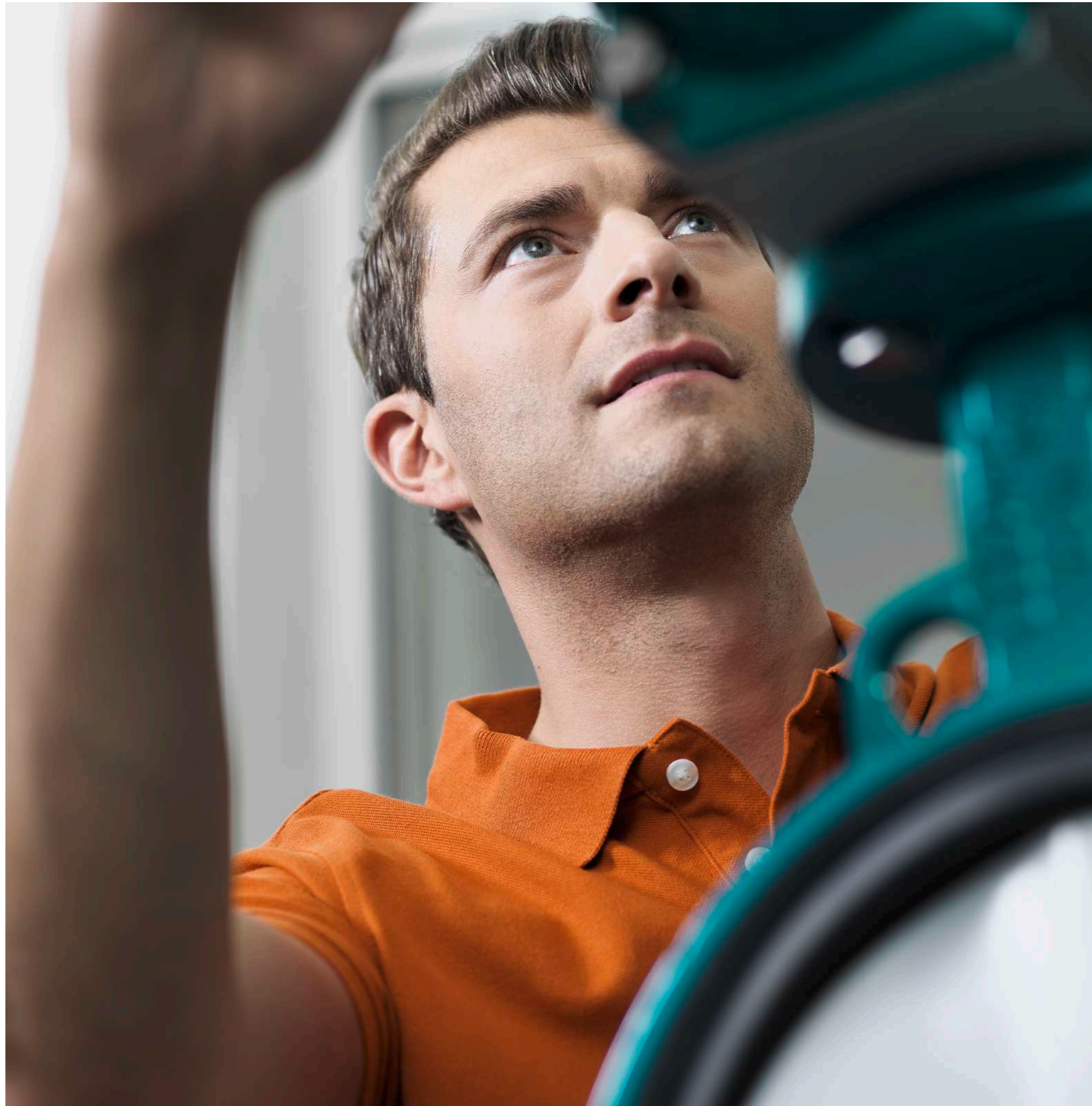
Our expertise to your benefit

As a customer-focused production and sales company, we offer reliable and proven product solutions for hydrometallurgical, electro- and pyro-metallurgical processes in the mining sector. Customers around the world rely on our proven butterfly valves to ensure maximum plant availability and maximise profitability in the most aggressive and demanding mineral processes.

Whether for new constructions or maintenance requirements, our readily available valves can be configured to your specific applications.

Consistent Reliability

Bianca
PTFE-lined butterfly valve

Centric butterfly valve for mining and metallurgical refining applications using the most aggressive chemicals

Body construction	Wafer, Lug, U-Section
Nominal diameter	DN 32—900 (1¼"—36")
Max. working pressure	Up to 16 bar
Flange connection	PN10, PN16, ANSI cl. 150, AS 2129 tab D and E, JIS B2220
Temperature range	−20°C to 200°C
Body material	Ductile iron, stainless steel
Disc-shaft (one piece)	Stainless steel, Duplex, Hastelloy, PFA and PFA antistatic overmoulded
Liner material	PTFE, PTFE antistatic, Ultraflon®, Ultralene™
Special executions	Execution for explosive atmospheres

3 Availability

The high availability of semi-finished components enables short delivery times, even for large sizes up to DN 900.
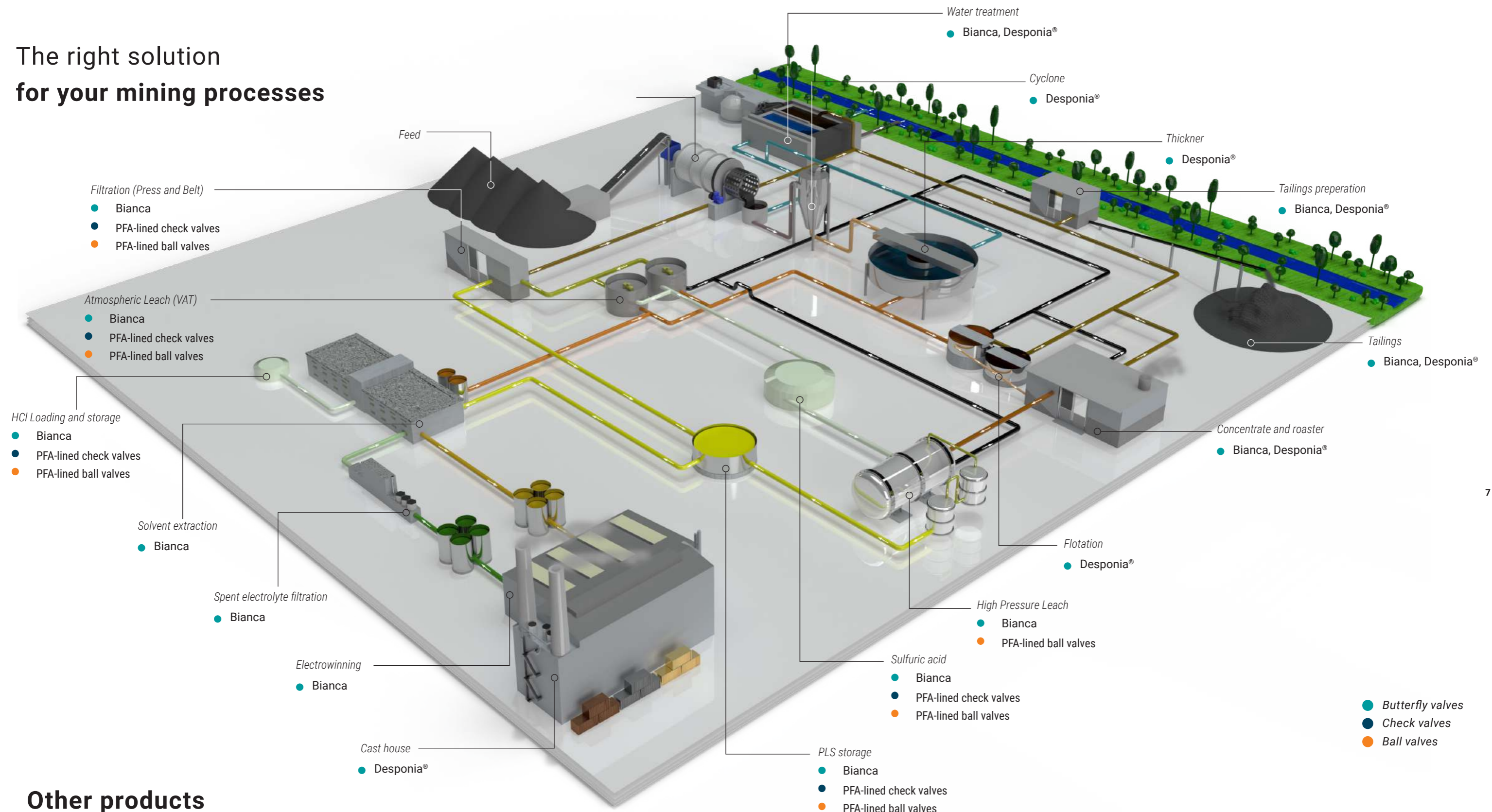
Expect more

1 Reliability

The high liner collar, the PFA disc overmoulding on the shaft and the life-preloaded safety shaft sealing guarantee excellent shaft sealing, even for greater operating cycles at high temperatures.

2 Performance

The combination of the chambered PTFE liner and the mechanically locked PFA-overmoulded disc ensures low friction and guarantees extended life of operation.

4 Product variety

The Bianca range from DN 32—900 covers the entire mining process where high corrosion resistance is required. This with only one butterfly valve type!

The right solution
for your mining processes

Water treatment
- Bianca, Desponia®

Cyclone
- Desponia®

Feed

Thickner
- Desponia®

Filtration (Press and Belt)
- Bianca
- PFA-lined check valves
- PFA-lined ball valves

Tailings preperation
- Bianca, Desponia®

Atmospheric Leach (VAT)
- Bianca
- PFA-lined check valves
- PFA-lined ball valves

Tailings
- Bianca, Desponia®

HCl Loading and storage
- Bianca
- PFA-lined check valves
- PFA-lined ball valves

Concentrate and roaster
- Bianca, Desponia®

6

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Solvent extraction
- Bianca

Flotation
- Desponia®

Spent electrolyte filtration
- Bianca

High Pressure Leach
- Bianca
- PFA-lined ball valves

Electrowinning
- Bianca

Sulfuric acid
- Bianca
- PFA-lined check valves
- PFA-lined ball valves

Cast house
- Desponia®

PLS storage
- Bianca
- PFA-lined check valves
- PFA-lined ball valves

- Butterfly valves
- Check valves
- Ball valves

Other products

Ball valves
A large product range of 2- and 3-way PFA lined valves. Stainless steel body, grease-free execution.

STCV
PFA-lined swing check valve, DN 150-300. Cast steel body, grease-free execution.

Desponia®
Elastomer-lined butterfly valve, DN 25-1600. Ductile iron body, Abrasion resistant discs and liners.

Neptunia
Dual plate check valve, DN 50-600, Stainless steel body and grease-free execution.

Saturnia
Metal seated valve to regulate the flow of fumes and air up to 600°C. Used in smelters as a damper.

Actuators
Our valves can be operated manually or automatically by pneumatic actuators as on/off- or regulating services.

The mining industry around the world relies on InterApp valves

Lithium Mines
in South America

Copper Mines
in Chile, Peru, Poland, Spain, South Africa, Namibia, Zambia, DRC and Australia

Nickel Mine
in Cuba

Nickel Cobalt Mine
in Australia

Uranium Mines
in South Africa, Namibia and Australia

Platinum Mines
in South Africa

"The Bianca butterfly valve proved itself in the most demanding applications ensuring maximum plant availability."

Plant Engineer — *Namibia*

Globally local

As an international company with extensive
product and project expertise, we support
you with our sales partners and our technical
support team in all parts of the world.
We are aware that supply does not end with
delivery, therefore we offer an after sales
service that includes, product support as well
as training in installation and maintenance.

We are there for you.
Anywhere, anytime.

Facts & Figures

/ 1969 founded in Switzerland

/ 2 manufacturiung sites in Switzerland and Spain

/ Over 20 sales and distribution companies and export sales partners

/ A dedicated member of the AVK Group since 2010

● InterApp Subsidiaries
● AVK Industrial Companies
● Export Sales Partners

InterApp AG

Grundstrasse 24
6343 Rotkreuz
Switzerland

info@ch.interapp.net
interapp.net

InterApp