The ultimate solution
for your minibar operation

bartech™
technology & design

Introduction

" Our **minibar** doors
can be **customized** "

> A pioneer in the field of Minibar technology, Bartech is credited as the developer of the first ever open-display automatic minibar. Since the early nineties Bartech has continued to push the boundaries of modern minibar design, packaged with market leading Turnkey solutions.

> Why should my hotel buy automatic minibars?

The automatic billing will greatly reduce your revenue losses and staffing levels. The computerized control of your minibar operation will turn it to a profitable one!

> Is each product that a guest removes from the minibar automatically charged?

Yes, thanks to an advanced interface between the Bartech server and the hotel's Property Management System.

> What happens if a guest just takes a product to look at it and replaces it in the minibar immediately?

The product is not charged but it appears as a "momentarily picked-up item" on the refill list so minibar attendants will check it during refilling.

> What about items being taken out of the minibar and replaced, unconsumed?

They will automatically be charged to the guest folio but will appear in the refill report as "replaced in the minibar". This will allow your minibar attendant to control this specific product before the guest check-outs and to find out whether this product was really consumed or not, and if necessary, to do the related adjustments in the Bartech system.

> What benefit do I gain from the Bartech system in terms of energy saving?

Bartech's standard C.E.S.S. technology monitors the temperature of the minibars on a room-by-room basis and can be fine-tuned according to occupancy levels and peak and off peak electricity periods.

> What is the benefit of an automatic system for my guests?

Your staff will not disturb guests anymore by asking: "have you taken anything from the minibar?", the Bartech system will already know. At check-out, the reliability of the guest consumption information will tremendously reduce the number of guest disputes and complaints. Your guests will further enjoy properly refilled and monitored minibars containing "fresh" replaced in date products.
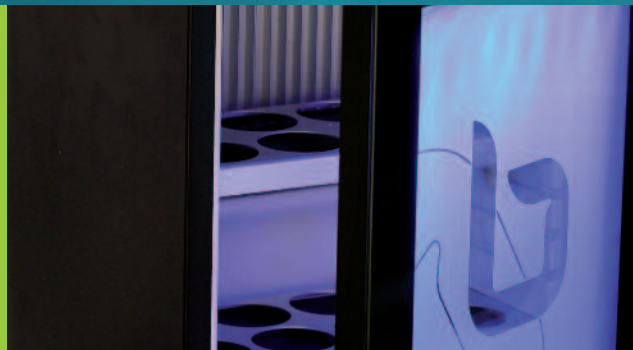
Environment

> Bartech has a long-standing experience of being a responsible company that cares about the environment and sustainability.

Energy saving technology

" Our minibars allow hotels to make substantial energy savings in reducing power consumption by up to 60% compared to standard ones. "

Bartech continues to use CFC- and HCFC free refrigerants after they were phased out by the Montreal and Kyoto protocols.

We now use the most advanced cooling technology, combining cyclopentane insulation with an energy-optimized compressor with eco-friendly refrigerant R600a, **a gas with a global warming and an ozone depleting potential equal to zero.** This new cooling technology allows our minibars to be **up to 60 % more efficient in terms of energy saving compared to standard minibars**.

Thanks to the following features, Bartech minibars can generate **additional savings up to 20%:**

Computerized Energy Saving System
> Electronically controlled on-line thermostat monitoring power to the compressor,
> Cooling adjustments depending on high and low charge periods,
> Possibility to fine-tune period according to room status.

Eutectic plate
Our minibars contain a eutectic device that allows for minimal compressor cycles while sustaining cold temperatures.

neobar
energy saving solution

All Bartech mini-bars comply with the following standards

> Environmental rules: RoHS / WEEE
> National and international standards: CSA / UL / FCC / CE / CCC
> ISO certifications: ISO 9001 / ISO 14001

Technology

As the market innovator in the field of automatic minibars, Bartech has launched the first Twisted Pair, Ethernet, and Wi-Fi communication methods between our minibars and the hotel PMS. We are proud to continue this trend in future-proofing our technology by incorporating ZigBee wireless communication into our new product range.

ZigBee

ZigBee is a **wireless technology** using small, low-power digital radios based on an IEEE 802 standard (Ethernet). Bartech designs its **own devices** and uses Zigbee in **"mesh" networks** where any minibar can be used as an intermediate device to transmit consumption data to our minibar application server: Bartech minibars running in ZigBee offer the **most efficient** and reliable wireless network solution **for your operation** and benefits from being a standalone Wireless network rather than using the hotels existing network or any third party.

Also as a **partner** to the foremost providers of management solutions such as lighting, HVAC, audio/video and security, Bartech's minibars are part of the world's largest deployments of **integrated in-room management systems** communicating through ZigBee.

Standalone eTrays

Bartech eTrays for non-chilled products can be linked to the PMS with or without a minibar in the room. Hotels that do not have any in-room minibars can use ZigBee enabled eTrays with our own wireless ZigBee network to sell a selection of non-chilled products, a market first way of selling in-room trackable products without a minibar.

Sensors

Bartech uses a wide selection of **efficient, proven and reliable types of sensors** for tracking the products in our minibars and eTrays:
• Micro-switches   • Magnetic sensors
• Non-reflective infra-red technology

Remote controls

Bartech minibar attendants operate the minibars with our **dedicated remote controls**. These easy-to-use **"single button devices"** allow your staff to un-lock and lock the minibars and place the bar in refilling mode on a room-by-room basis. All information that relates to refilling is **recorded by our system** in real-time.

Minibar management software

Industry leading designs mixed with market leading energy saving automatic minibars are only the beginnings for maximizing and protecting in-room revenues:
The critical factor is Software…

Bartech's Automatic Minibar management software includes

> "Real-time" automatic charging of minibar consumptions
> Locking /unlocking minibar control, no keys required…
> "Real-time" refill list of consumed products
> Promotion management, happy hours, spirit and a mixer combinations
> Expiration date control, stock control
> Technical status and maintenance analysis reports
> Advanced consumption, cost-of-sale, invoicing reports, data analysis
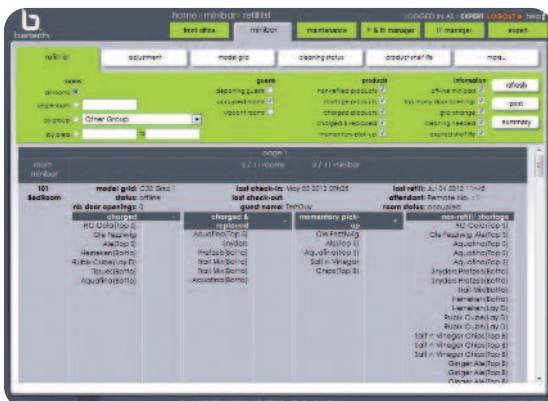> Extensive list of **interfaces** to all the most popular **Property Management Systems.**

> Configurable to each property's specific requirements,
> Easy-to-use package on a daily basis,
> Real-time information provided.

➡ **Webbased software**

Anticipating the hotel industry's evolving needs, Bartech has launched the world's first **web-based mini-bar management software**.

The web-based **WEBBART** software comes with the added benefit of:
• Web browser interface, Client PC installations are no longer required,
• Access the Bartech Server from any Internet device,
• Compatible with any operating software,
• Can be run from the simplest internet browser,
• Compliant with the highest network security demands.

Service

Active Support

As the global leader in automatic minibars maintaining the largest install base of automatic minibars in the world we are uniquely positioned to offer the maximum level of support to our clients. Our experience and know-how enables our customers to generate significant increases in ROI and in-room financial performance while guaranteeing market leading guest satisfaction.

Consulting

- Exclusive consulting services based on "real day-to-day customer experiences",
- Tailor-made programs according to individual hotel requirements,
- In-depth analysis of your minibar operation compared to our global footprint of hotels,
- Best-practice and benchmarking methodology.

Training

- Professional training programs tailored to all departments including:
    - Minibar attendants
    - Food & Beverage
    - Finance
    - Front of house
    - Maintenance

Maintenance

- Standard or tailored service packages according to hotels specific needs and budgets,
- Local and regional support performed by in-house Bartech specialists from our global network of offices and distributors.

Financing

- Customized in-house financed options to match your specific budget requirements:
    - Capex
    - Renting
    - Leasing
    - Partnership

Products

Extensive portfolio of minibars

To fit any in-room decor including:

- Automatic, Semi -Automatic and Upgradeable product ranges,
- Capacities from 30 L to 75 L,
- Standard and customized door types,
- Wooden doors or foam-core door panels,
- Plain, frosted or opaque glass doors,
- Built-in minibars for existing cabinets or standalone minibars,
- Bespoke wooden cabinets according to your in-room décor,
- Hotel branding embossed on the minibar doors.

Flexible eTrays

To increase impulse sales and generate more in-room revenue from non-chilled products:

- Wide range of shapes and sizes,
- Various sizes available in wood, metal or custom finishes,
- Removable and adjustable sensors to adapt to any item size,
- Zigbee standalone wireless Etrays with no minibar required.

Dry sections integrated to the minibar

- Bespoke minibar designs that can offer a greater number of both chilled and non-chilled products in the minibar,
- Ability to increase internal sensing capabilities from 3 to 30 extra products over our standard minibars using both side dry, single or double top dry sections designs.

PARIS, FRANCE
Bartech E.M.E.A
18-22, rue d'Arras
Bâtiment C4
92 000 Nanterre
tel + 33 (0)1 41 44 10 10
fax + 33 (0)1 41 44 10 11

LONDON, UK & IRELAND
Bartech UK Ltd
11 Wyfold Road, Unit 1 - Fulham
LONDON SW6 6SE, United Kingdom
tel +44 (020) 7385 0569
fax +44 (020) 7385 7538

DUSSELDORF, GERMANY
Bartech Deutschland GmbH
Anrather Str. 291 a
47807 Krefeld, Germany
tel +49 (0) 21 51 36 20 40
fax +49 (0) 21 51 36 20 420

THE AMERICAS
LAS VEGAS, NV
Bartech Systems International Inc.
6000 S. Eastern Avenue, Suite 12 a-b-c-d
Las Vegas, NV 89119
United States
tel + 1 (702) 369 5550
fax + 1 (702) 897 3954
Toll Free Sales +1 (866) 870 7100
Toll Free Customers Service +1 (800) 731 8626

ASIA PACIFIC
SINGAPORE
Bartech Automatic Systems (AP) Pte Ltd
One Fullerton, #02-01
1 Fullerton Road
Singapore 049213
tel + 65 6832 5505
fax + 65 6408 3801

U.A.E & SAUDIA ARABIA
Bartech Emirates FZE
RAK Businessmen Centre, Fairmont Hotel
Sheikh Zayed Road Suite N°712
P.O. Box 24459 Dubai, United Arab Emirates
tel +971 (0)4 312 4378
fax +971 (0)4 312 4379

Worldwide

bartech
technology & design

création incisif 01 46 38 92 46 - v1

For more information, please visit our website:
www.bartech.com or email: info@my-bartech.com