



Contactless Tickets

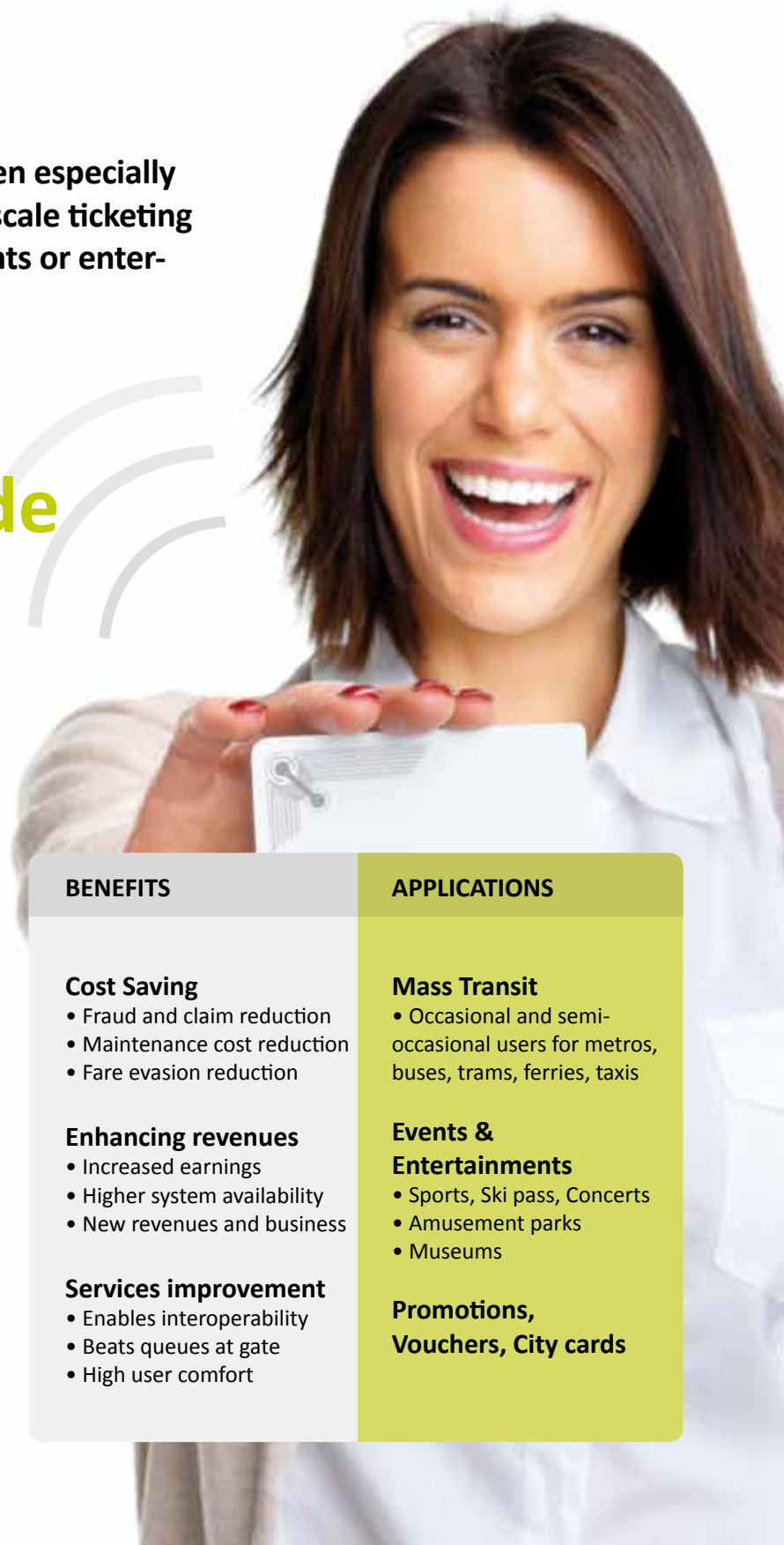
Confidex contactless tickets have been especially designed for occasional use in large scale ticketing applications in public transport, events or entertainment.

For Better Occasional Ride

Based on proven, advanced materials and large volume production technology they offer an affordable and durable ticket media with high user comfort.

With their high reliability, security & memory capabilities Confidex contactless tickets enable operators to reduce cost, generate new revenues and innovate passenger services.

Confidex contactless tickets support industry standards and integrate easily in existing contactless fare collection schemes and paper ticket vending equipment.



BENEFITS	APPLICATIONS
<p>Cost Saving</p> <ul style="list-style-type: none"> • Fraud and claim reduction • Maintenance cost reduction • Fare evasion reduction <p>Enhancing revenues</p> <ul style="list-style-type: none"> • Increased earnings • Higher system availability • New revenues and business <p>Services improvement</p> <ul style="list-style-type: none"> • Enables interoperability • Beats queues at gate • High user comfort 	<p>Mass Transit</p> <ul style="list-style-type: none"> • Occasional and semi-occasional users for metros, buses, trams, ferries, taxis <p>Events & Entertainments</p> <ul style="list-style-type: none"> • Sports, Ski pass, Concerts • Amusement parks • Museums <p>Promotions, Vouchers, City cards</p>

Reel



Fanfold



Single-cut



Carnet (booklet)



CONTACTLESS IC	Infineon, NXP, STMicroelectronics	
RF / STANDARDS	ISO 14443A, ISO 14443B, ISO 15693, ISO 15457; MIFARE	
MEMORY	From 256 bit up to 8 kbytes EEPROM	
SECURITY	<ul style="list-style-type: none"> • UID (Unique Identifier) • OTP (One time programmable) • Write and/or read protection 	<ul style="list-style-type: none"> • Optional: Cryptographic certificate, TDES Dynamic authentication
MATERIALS & DURABILITY	Materials: Reinforced paper or PET Robust & durable High immunity to flexion For short term and long-term solutions: from 6 months to 3 years	
FORMATS	Delivery form: Reel, Fanfold, Single-cut, Carnet (booklet) Thickness: from 250µm to 480µm Size: ISO 54x86mm, 60x90mm, special sizes on request	
PERSONALIZATION / SERVICES	<ul style="list-style-type: none"> • Offset printing both side • Thermal paper • Ink-jet post printing: Unique Serial Number, Incremental continuous serial numbering 	<ul style="list-style-type: none"> • Electrical encoding: Certificates, Fare, Trips, Value, Validity dates, etc. • Customer specific data log files • Further services on request

Note: Some technical indications may be specific to the selected contactless IC. The information herein is subject of change without prior notice. Please consult Confidex Ltd for the most current information and availability.



ISO 14443 A&B



ISO 15693



ISO 15457



MIFARE™



Learn more about Confidex Contactless tickets on www.confidex.net