



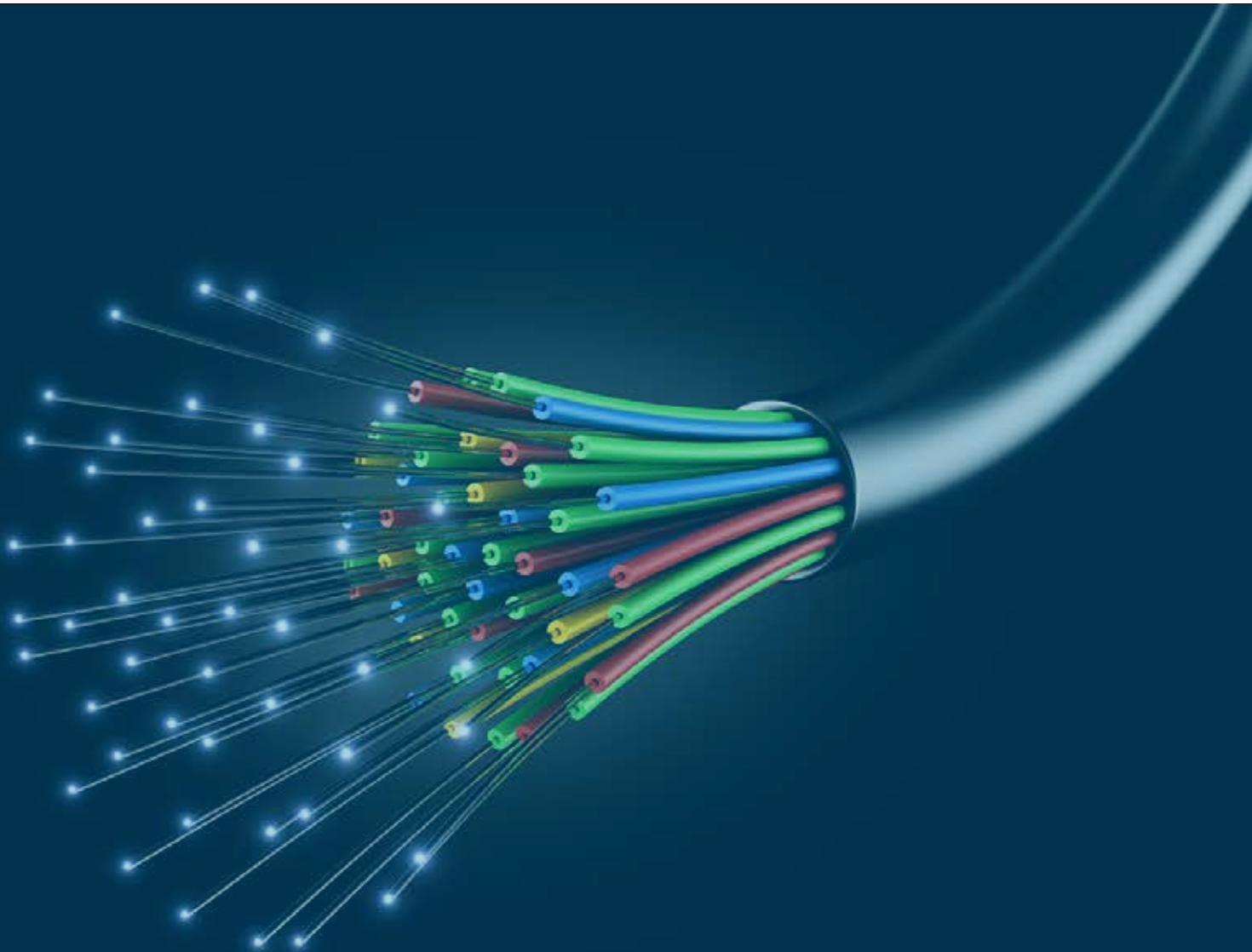
COMPANY PROFILE

1. OPTICAL FIBER CABLES (OFC) LAYING

OFC HAS BECOME THE BACKBONE FOR ALL THE TELECOM SERVICE PROVIDERS. OFC IS CURRENTLY VIEWED AS THE OPTIMAL MATERIAL AVAILABLE TO DELIVER VOICE AND DATA AT HIGH SPEEDS OVER LONG DISTANCES.

THE COMPANY HAS THE ABILITY TO LAY THE OFC RAPIDLY AND MANAGE LARGE SCALE OPERATIONS OVER ACCELERATED TIMEFRAMES. THE COMPANY HAS THE CAPABILITY TO CARRY OUT STARTING FROM EXCAVATION OF TRENCH UPTO A NOMINAL DEPTH OF 165 CMS, LAYING OF PLB PIPES IN EXCAVATED TRENCHES, DRAWING OF ROPES THROUGH THE PIPES, BACK FILLING AND DRESSING OF THE EXCAVATED TRENCHES, PULLING OF CABLES, FIXING AND PAINTING OF ROUTE INDICATORS/JOINT INDICATORS, PREPARING ROUTE INDEX DIAGRAMS AND JOINT LOCATION DIAGRAMS, TESTING AND COMMISSIONING.

THE COMPANY CONTINUALLY ENDEAVORS TO PROVIDE INNOVATIVE SOLUTIONS AT LOWER COSTS THROUGH A COMBINATION OF TOOLS, EQUIPMENT AND BUSINESS PROCESSES.



THE HORIZONTAL DRILLING PROCESS (HDD)

HORIZONTAL DIRECTIONAL DRILLING (HDD) IS A STEERABLE TRENCHLESS METHOD THAT IS UTILIZED TO INSTALL UNDERGROUND PIPES, CONDUIT, AND CABLES ALONG A DESIGNED BORE PATH BENEATH VARIOUS TYPES OF OBSTACLES. HDD MINIMIZES RESTORATION AND ALLOWS INFRASTRUCTURE TO BE INSTALLED IN AREAS INACCESSIBLE BY TRADITIONAL OPEN-CUT METHODS.

WHETHER YOUR PROJECTS ARE LARGE, SMALL, REQUIRE A SHORE APPROACH, OR ARE THROUGH HARD ROCK; MAHITRI APPROACHES EACH WITH THE SAME LEVEL OF SERVICE, PROFESSIONALISM, AND COMMITMENT.

KEY ASPECTS

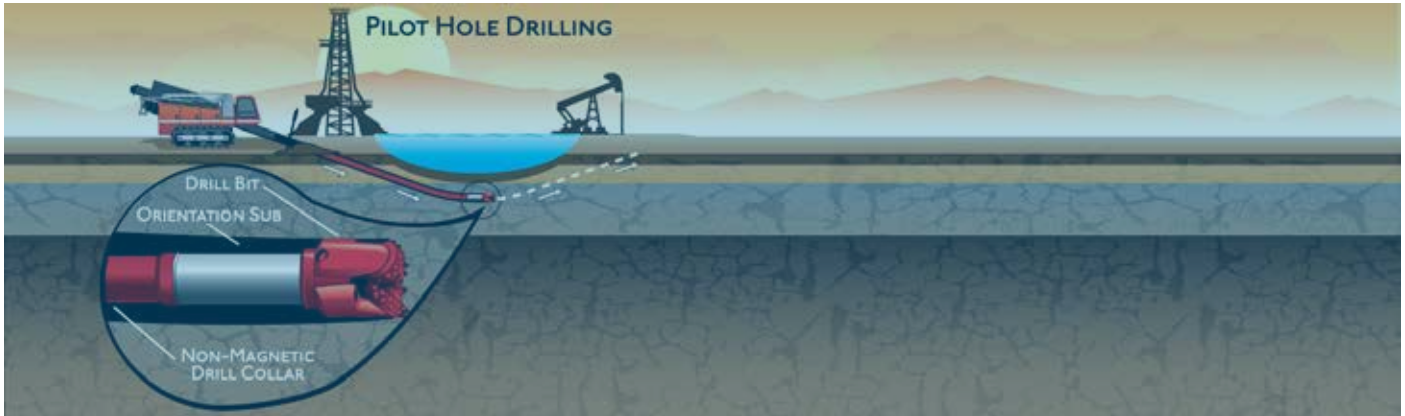
- ACCESS TO AREAS INACCESSIBLE WITH TRADITIONAL OPEN CUT METHODS
- MINIMAL ENVIRONMENTAL IMPACT
- LIMITED OR NO DISRUPTION



THE HORIZONTAL DRILLING PROCESS (HDD)

PILOT HOLE

AFTER THE SITE HAS BEEN PREPARED AND ALL SURVEYING AND FINAL DESIGN ARE COMPLETE, THE PILOT HOLE IS COMMENCED. THE PILOT HOLE IS DRILLED ON PRE-DETERMINED PATH FROM THE DESIGN BORE ENTRY TO THE BORE EXIT.



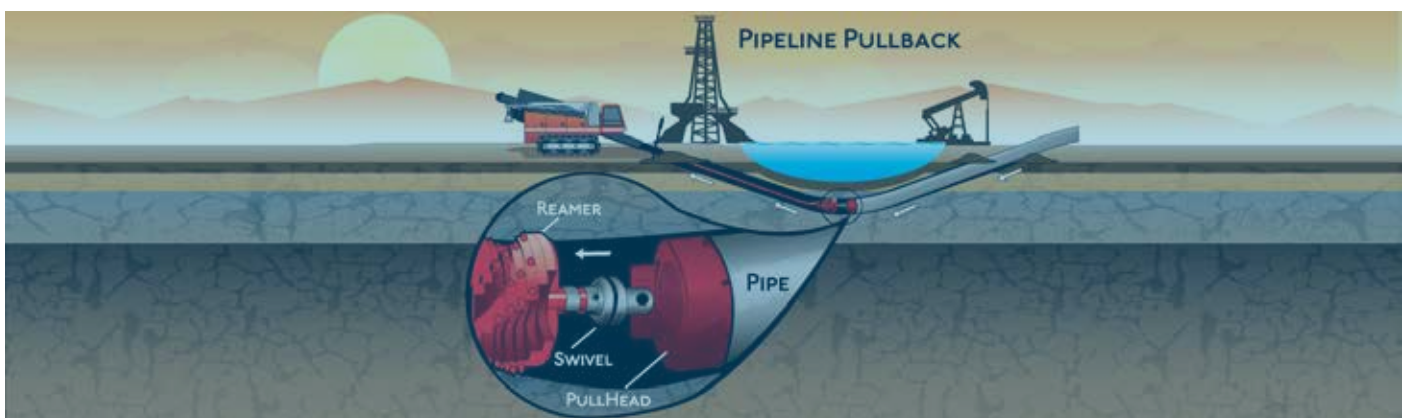
PILOT HOLE

AFTER THE PILOT HOLE IS COMPLETED, THE BORE HOLE NEEDS TO BE ENLARGED TO THE DIAMETER REQUIRED FOR THE SPECIFIC PRODUCT PIPE. THIS IS A SUCCESSIVE PROCESS THAT CAN INVOLVE MULTIPLE REAM PASSES WITH EACH PASS OPENING THE BORE HOLE TO A LARGER DIAMETER.



PILOT HOLE

AFTER THE REAMING PHASE IS COMPLETE AND THE BOREHOLE IS DEEMED PREPARED, THE PRODUCT PIPE IS PULLED IN. THIS PROCESS TYPICALLY IS DONE ON A CONTINUOUS BASIS WHEN THE PROJECT ALLOWS UNTIL THE PIPE IS PULLED INTO THE HOLE. DURING THE PULLBACK PHASE, THE PIPE IS SUPPORTED ON ROLLERS AND IS ASSISTED INTO THE HOLE BY HEAVY EQUIPMENT.



2. SECURITY & SURVEILLANCE SOLUTIONS

SECURITY TODAY IS A MAJOR CONCERN ACROSS THE WORLD. EVERYONE WOULD LIKE TO ENSURE SAFE AND SECURE SURROUNDINGS MAY IT BE RESIDENTIAL AREA, BUSINESS CENTRE OR PUBLIC AREA (LIKE AIRPORTS, RAILWAY STATIONS, BUS STANDS ETC.). MOST OF THE RESIDENCES OR APARTMENTS, OFFICES, BUS STOPS AND OTHER COMMERCIAL AREA ARE EQUIPPED WITH SECURITY SURVEILLANCE SYSTEMS TO MONITOR UNAUTHORISED MOVEMENTS AND PREVENT ANY UNSCRUPULOUS INCIDENT. EVEN ORGANISATIONS WANT TO SHORE UP THE SAFETY AND SECURITY OF THEIR EMPLOYEES, VISITORS AS WELL AS THEIR ASSETS AND INFRASTRUCTURE.

INDOOR, OUTDOOR AND PERIMETER SURVEILLANCE SOLUTIONS

MAHITRI OFFERS WIDE RANGE OF CUSTOMISED SECURITY SURVEILLANCE SOLUTIONS SUITABLE FOR ALL INDOOR, OUTDOOR AND EVEN PERIMETER PROTECTION. DEPENDING UPON APPLICATIONS, DIFFERENT TYPES OF CAMERAS I.E. DOME, BOX, IR, SPEED DOME, VANDAL PROOF, PTZ AND FOR HIGHEST CLARITY HD ARE OFFERED. BOTH OPTIONS EITHER IP OR ANALOGUE ARE AVAILABLE TO SUIT DIFFERENT BUDGETS AND CONDITIONS. TO STORE AND REPRODUCE IMAGES CAPTURED, VARIOUS OPTIONS ARE AVAILABLE FOR DVRS AND NVRS. ALL THESE PRODUCTS ARE POWERED BY PATENTED TECHNOLOGIES OFFERING UNIQUE FEATURES FOR THE BEST QUALITY, DIFFERENT CONDITIONS AND INVESTMENT PROTECTION.





KEY ASPECTS

- TELE/WIDE ANGLE, DAY/NIGHT, HEMISPHERIC (180°)
- 180° PANORAMIC VIEW
- WALL, CEILING OR POLE MOUNT
- HIGH RESOLUTION INTERNAL VIDEO RECORDING
- WEATHER PROOF -30° - +60°C, (IP66)
- DIGITAL ZOOM, PAN-TILT
- INTEGRATED MICROPHONE AND SPEAKER

VIDEO ANALYTICS

ACHIEVING AN EVEN MIX OF PHYSICAL SECURITY AND TECHNOLOGY IS AN ALCHEMY THAT IS STILL BEING BALANCED. IT INVOLVES BLENDING THREE KEY FACTORS: ANALYTICS AND DATA FUSION, CONVERGENCE AND STANDARDS. THE AIM OF THIS DELICATE BALANCE IS TO BE ABLE TO PROVIDE THE MOST EFFECTIVE PROTECTION FOR ANY FACILITY OR APPLICATION, BE IT A GOVERNMENT AGENCY, CORPORATION, SCHOOL, TRANSPORTATION AGENCY OR EVEN RESIDENCES WHILE OPTIMIZING THE EFFICIENCY OF EXISTING PERSONNEL AND OTHER RESOURCES

AS SECURITY ENVIRONMENTS ARE IT CONVERGED, ANY SURVEILLANCE SYSTEM MUST BE DESIGNED WITH INTEGRATION IN MIND AND MAKING TECHNOLOGIES TO EACH OTHER. THE RULE OF THUMB FOR VIDEO ANALYTICS IS THAT SUCH A SYSTEM MUST BE ABLE TO:

- FUNCTION IN A VARIETY OF DIFFERENT SITUATIONS AND ENVIRONMENTS (SUCH AS WIDE-RANGING WEATHER AND LIGHTING CONDITIONS, AND BUSY PUBLIC AREAS)
- NOT JUST DETECT, BUT ALSO CLASSIFY ANOMALOUS EVENTS (EXAMPLE: IS IT A PERSON CROSSING THE TARMAC OR A LARGE PAPER BAG BLOWN BY THE WIND?)
- STRUCTURE AND STORE THE GATHERED DATA SO IT CAN BE SEARCHED RAPIDLY
- INTEGRATE WITH OTHER SENSOR TECHNOLOGIES AND ALERT MECHANISMS
- MAHITRI OFFERS COMPREHENSIVE VIDEO ANALYTICS SOLUTIONS ENABLING ITS WIDE RANGE OF CUSTOMERS TO CARRY OUT SURVEILLANCE VERY EFFECTIVELY AND EFFICIENTLY IN DIFFERENT ENVIRONMENTS AND PROTECT PEOPLE, ASSETS AND INFRASTRUCTURE.

KEY ASPECTS

ENHANCING LOSS PREVENTION: THE SOLUTION ALLOWS EACH SUSPICIOUS TRANSACTION TO BE DISPLAYED WITH ITS CORRESPONDING VIDEO SIDE-BY-SIDE AT THE CLICK OF A MOUSE. THIS MAKES IT EASY FOR THE LOSS PREVENTION TEAM TO DISCOUNT THE THOUSANDS OF FALSE ALARMS WHICH, AFTER CLOSER INSPECTION, ARE NOT IN FACT FRAUDULENT INCIDENTS TAKING PLACE; CONVERSELY, ATTENTION AND RESOURCES CAN NOW FOCUS IN ON THE REAL CULPRITS I.E. THOSE REVEALED TO BE COMMITTING A CRIME.

INCIDENT MANAGEMENT: EACH ESTABLISHMENT HAS THOUSANDS OF INCIDENTS TO DEAL WITH EACH YEAR: THEFT, ACCIDENTS, UNATTENDED BAGGAGE, LOST BAGGAGE, BREAKING INTO RESTRICTED ZONES, LOITERING NEAR SENSITIVE INFORMATION ZONES AND OTHER CIVIL RECOVERY ISSUES. IT IS THEREFORE IMPORTANT TO HAVE APPROPRIATE PROCESSES IN PLACE TO ARCHIVE EVIDENCE IN A COURT-ADMISSIBLE FORMAT - AS WELL AS THE ABILITY TO TRACK AND MANAGE THE INFORMATION EASILY.

COUNTING: USING VIDEO TO COUNT PEOPLE OR VEHICLES ALSO GIVES GREATER INSIGHT INTO THE TRAFFIC TRENDS OF A MALL OR INDIVIDUAL STORE OR PARKING LOT OR ANOTHER SIMILAR ESTABLISHMENT. FOR EXAMPLE, IN RETAIL ENVIRONMENT, EACH STORE IS DIFFERENT WITH A DIFFERENT CUSTOMER MIX. ONE STORE MAY HAVE A LARGE CUSTOMER INFLUX AFTER SCHOOL ON A WORKING DAY WHILE ANOTHER ONE MAY HAVE THEIR BUSIEST PERIOD ON SUNDAY MORNING.

EVALUATE DISPLAY STRATEGIES AND LAYOUTS: ASSED ON THE DATA CAPTURED IN TERMS OF MOVEMENT OF PEOPLE, DISPLAY STRATEGIES CAN BE WORKED OUT TO DRAW CUSTOMER ATTENTION IN RETAIL ENVIRONMENTS. SIMILARLY, STORE LAYOUTS CAN BE OPTIMISED BASED ON NO. OF CUSTOMERS EXPECTED OR INTERESTED IN PARTICULAR AREA.

IMPROVE EMPLOYEE EFFICIENCY OR BUSINESS PERFORMANCE: USING REMOTE VIDEO AUDIT AS A COMPLIMENT TO THEIR AREA MANAGERS AND MYSTERY SHOPPERS, RETAILERS CAN REDUCE THEIR OPERATIONAL COSTS WHILST STILL MAINTAINING THE SAME HIGH STANDARDS. BECAUSE VIDEO CAN BE COLLECTED AND REVIEWED AT A FRACTION OF THE COST, LARGE AMOUNTS OF DETAILED INFORMATION CAN BE COLLECTED, CREATING STATISTICALLY VALID DATA FROM EACH ESTABLISHMENT ON WEEKLY BASIS.

EASE OF INTEGRATION: THE SOLUTION CAN BE EASILY INTEGRATED WITH VARIETY OF CAMERAS, DVRS, INTRUSION SYSTEMS ETC.

- IT IS BUILT ON OPEN STANDARDS AND IS CROSS-PLATFORM COMPLIANT
- INTEGRATES EFFECTIVELY USING RECOGNIZED ENTERPRISE SOFTWARE TOOLS SUCH AS XML, WEB SERVICES, ETC.
- PROVIDES CLEAR AND CONSISTENT APPLICATION PROGRAMMING INTERFACES (APIS) TO ENABLE INTEGRATION

LONG DISTANCE SURVEILLANCE SOLUTIONS

IN THE CURRENT TIME WHEN NATIONAL SECURITY IS AT THE BIGGEST RISK, HOMELAND PROTECTION HAS BECOME THE MOST SERIOUS AND IMPORTANT ISSUE. MAHITRI OFFERS LONG DISTANCE SURVEILLANCE SOLUTION USING ITS SPECIALIZED LONG DISTANCE CAMERA RANGE.

KEY ASPECTS:

- UP TO 20 KM. DISTANCE
- 6X TO 100X OPTICAL ZOOM
- PTZ
- 0.03 LUX
- ULTRA-LOW- LIGHT PERFORMANCE



MAHITRI OFFERS LONG DISTANCE SURVEILLANCE SOLUTION USING ITS SPECIALIZED LONG DISTANCE CAMERA RANGE.

3. RFID SOLUTIONS



MAHITRI TECHNOCRATS WINDSHIELD TAG IS DESIGNED FOR FAST AND RELIABLE VEHICLE IDENTIFICATION. THE PASSIVE UHF TAG IS DESIGNED TO WORK ON CAR WINDSHIELD GLASS AND SUITABLE FOR WIDE SECTION OF VEHICLES. IT IS DESIGNED TO WORK FOR A WIDE RANGE OF VEHICLE IDENTIFICATION APPLICATIONS SUCH AS TOLL ROAD MANAGEMENT, VEHICLE TRACKING, CAR WASHES, FLEET MANAGEMENT, PARKING PERMIT, AND ACCESS CONTROL. USING THE ALIEN 9654 RFID INLAY, THIS PRODUCT PROVIDES A READ RANGE OF APPROXIMATELY 18+ FEET. THE INLAY UTILIZES PASSIVE TECHNOLOGY AND IS ENCAPSULATED BETWEEN THIN LAYERS OF POLYESTER ADDING HUMAN READABLE PRINTING TO ONE SIDE AND A WINDSHIELD-COMPATIBLE ADHESIVE TO THE OTHER.

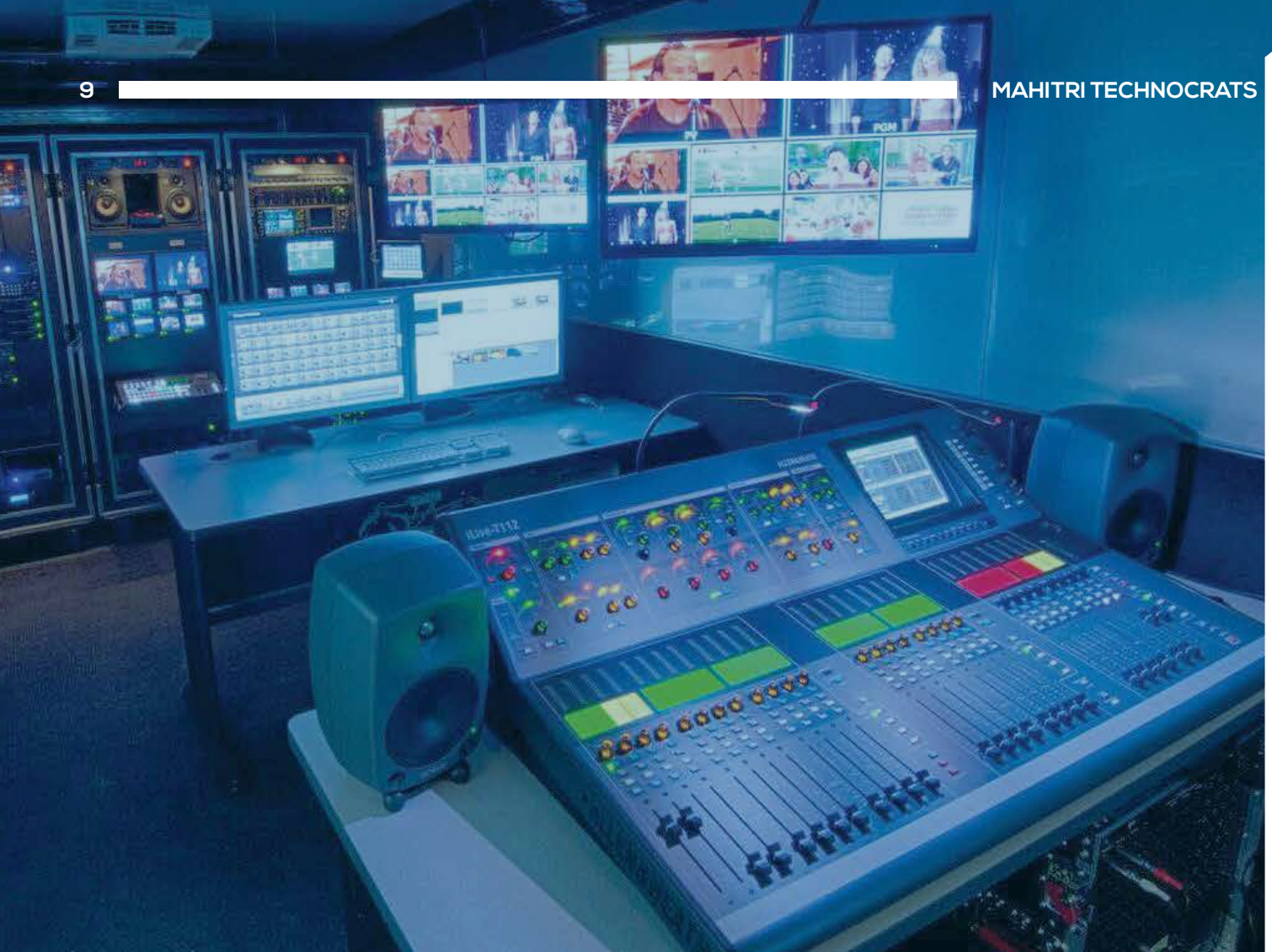
OUR TAGS CAN BE DELIVERED WITH SPECIAL PRODUCTION DATA AND DELIVERY FORMS INTEGRATE IN CUSTOMER ISSUING PROCEDURES.

MAHITRI TECHNOCRATS WINDSHIELD LABEL IS NON-TRANSFERABLE AND CANNOT BE REMOVED WITHOUT BEING DESTROYED. A TAMPER-EVIDENT OPTION WITH STRATEGICALLY PLACED SLITS IN THE LABEL AND ADHESIVE LAYERS IS ALSO AVAILABLE AT NO EXTRA COST. THE USER MEMORY IS PASSWORD PROTECTED AND CAN HOLD ENCRYPTED USER DATA.

DATA:

Operating frequencies	EU: 865 – 868 MHz US: 902 – 928 MHz
Tamper proof	A tamper-evident option with strategically placed slits in the label
Reading range	EU: Up to 5 meters* (16 ft) and US: Up to 6 meters* (20 ft)
Writing range	EU: Up to 4 meters* (13 ft) and US: Up to 5 meters* (16 ft)
Dimensions	4.5 x 1.5 in) thickness 0.022 in
Weight	2.2 grams (0.078 oz)
Adhesive	Low surface energy, pressure-sensitive adhesive
Encapsulation material	.002" thick white polyester
Copy protection	SecureMarkID™
Programmable data field	According to EPC Gen 2, ISO 18000-6C, 96 bits
Colour	White with print
Numbering Options	Serialized/ Unserialized numbers and barcode (Optional) Code 128C
Environment	25 °C (-13 °F) to +80 °C (+175 °F) Resists moderate solvents and caustics/acids

MAHITRI Technocrats Windshield Label offers a reliable and tamper evident solution for cost efficient traffic and vehicle management systems.



4. LIVE WEBCAST SOLUTION

MAHITRI EFFECTIVELY TRIES TO REMOVE THE BARRIER COMMUNICATION BY BRINGING IN ITS 'VIDEO STREAMING WEBCAST' PRODUCT ON THE TABLE. THERE IS A GENERAL PERCEPTION IN DEVELOPING COUNTRIES THAT BUFFERING OF VIDEO IS UNAVOIDABLE WHILE WATCHING BUT THAT'S WHERE MAHITRI WANTS TO BRING IN A PARADIGM SHIFT. BE IT SPORTS ORGANIZATIONS, MOVIE STUDIOS, EDUCATIONAL INSTITUTIONS OR BUSINESS BEHEMOTHS, EACH ONE OF THEM ARE REAPING THE RICH REWARDS BY OFFERING WEBCAST ON THE INTERNET. IF MAHITRI HAS CREATED A DENT IN THE WEB-CASTING MARKET, IT IS MAJORLY BECAUSE OF THE KIND OF SERVICES IT OFFERS IN DIFFERENT PACKAGES CATERING TO THE NEEDS OF THE CLIENTS.

KEY FEATURES

- AD FREE / NO THIRD-PARTY ADS
- LIVE TEXT CHAT
- CLOUD RECORDING
- EVENT AND VIDEO ARCHIVE
- EVENT URL
- LOCAL PUBLISHING SERVER
- LIVE EMBEDDING
- GOOGLE ANALYTICS INTEGRATION
- PASSWORD PROTECT STREAMING
- WHITE LABEL PLAYER AND EMBEDS
- LOCAL RECORDING AT BROADCASTING END
- ADAPTIVE BIT RATE STREAMIN

5. HOME AUTOMATION

WHILE THERE ARE MANY SMART PRODUCTS AVAILABLE TODAY, IT ISN'T UNTIL THESE DEVICES WORK TOGETHER IN ORCHESTRATION, THAT YOU EXPERIENCE THE MAGIC OF A SMART HOME.

MAHITRI COORDINATES ALL THE TECHNOLOGY IN YOUR HOME INTO COMPLETE, BRILLIANT EXPERIENCES—INTERACTIONS THAT FIT YOUR LIFESTYLE AND ARE EASY FOR YOUR FAMILY TO ENJOY. WITH ONE TOUCH, DIM THE LIGHTS, PLAY MUSIC, TURN UP THE HEAT, LOCK THE DOORS AND ARM THE SECURITY SYSTEM. OR, CHECK IN ON YOUR HOME FROM YOUR SMARTPHONE, NO MATTER WHERE YOU ARE. IT'S A SMARTER LIVING EXPERIENCE THAT YOU'LL WONDER HOW YOU EVER LIVED WITHOUT. WE CALL IT, THE NEW NORMAL.

INTERFACE

YOU SHOULD BE ABLE TO INTERACT WITH YOUR HOME IN VARIOUS WAYS. IT MAY BE AS SIMPLE AS A REMOTE CONTROL FOR YOUR AUDIO AND VIDEO EXPERIENCE, A TOUCHSCREEN TO BROWSE YOUR MUSIC COLLECTION, A KEYPAD THAT MANAGES LIGHTING, MUSIC, SHADES AND MORE, OR YOUR SMARTPHONE OR TABLET WHILE YOU'RE IN THE BACKYARD OR AWAY FROM YOUR HOME. EACH INTERFACE IS DESIGNED FOR SIMPLE AND EASY ACCESS TO THE FEATURES YOU USE MOST, WITH A CONSISTENT LOOK AND FEEL ACROSS ALL DEVICES.

MOBILE APP

OUR MOBILE APP CAN ANYWHERE ACCESS PROVIDES SECURE MOBILE ACCESS TO YOUR HOME, WHILE YOU'RE AWAY. WITH THAT YOU CAN MONITOR YOUR CAMERAS, LOCK THE DOORS, ADJUST THE TEMPERATURE, CLOSE THE GARAGE DOOR AND TURN OFF THE LIGHTS FROM VIRTUALLY ANYWHERE IN THE WORLD.





6. VEHICLE TRACKING SYSTEM

MAHITRI SPECIALISES IN THE RESEARCH, DESIGN, DEVELOPMENT, MANUFACTURING, SALES AND SUPPORT OF TECHNOLOGICALLY ADVANCED GPS/GSM FLEET MANAGEMENT AND VEHICLE TRACKING SOLUTIONS.

MAHITRI WORKS IN PARTNERSHIP WITH ITS CUSTOMERS TO DEVELOP SOLUTIONS THAT DELIVER MEASURABLE BUSINESS AND OPERATIONAL BENEFITS BY PROVIDING TOTAL VISIBILITY AND CONTROL OF MOBILE WORKFORCES.

A WIDE RANGE OF VEHICLE LOCATION, FLEET MANAGEMENT, SATELLITE NAVIGATION, WORKFLOW, MOBILE JOB PLANNING AND SECURITY TOOLS ARE UTILISED TO PROVIDE COMMERCIAL VEHICLE, VAN/CAR FLEET OPERATORS AND INDUSTRY WHERE PERSONNEL ARE MONITORED WITH SCALABLE SOLUTIONS THAT OFFER FLEXIBILITY, RELIABILITY AND FUNCTIONALITY.

OUR STRENGTH

TELEMATICS: OUR SERVICES, INFORMATION AND CONTROL SYSTEMS UTILIZES LATEST WIRELESS COMMUNICATION TO MANAGE REMOTE ASSETS SUCH AS VEHICLES, EQUIPMENT AND PERSONNEL, THUS A TOTAL TELEMATICS SOLUTION.

SUPERIOR PRODUCTS: WE DISTINGUISH OURSELVES FROM ITS COMPETITORS BY OFFERING TURNKEY PRODUCTS AND UPDATED SOFTWARE SOLUTIONS WITH INDUSTRY-LEADING BACKUP AND SUPPORT.

CUSTOMER FOCUS: WE AIM AT ESTABLISHING LONG-TERM RELATIONSHIPS WITH CLIENTS, BASED ON ADDING GENUINE VALUE TO THEIR BUSINESS, BUSINESS ETHICS AND CORPORATE CULTURE.

RESEARCH AND DEVELOPMENT: WE PUT GREAT EMPHASIS ON THE RESEARCH AND DEVELOPMENT OF MORE COMPETITIVE PRODUCTS IN MEETING MARKET DEMANDS FOR VALUE ADDED, FLEXIBLE, FEATURE-RICH AND COST-EFFECTIVE TECHNOLOGY.

PROJECT IMPLEMENTATION: BUILDING ON OUR EXTENSIVE EXPERIENCE IN PROJECT IMPLEMENTATION, MERIDIAN IS CAPABLE OF SUCCESSFULLY IMPLEMENTING THOUSANDS OF SYSTEMS RANGING FROM ONE TO OVER 1000 UNITS PER CLIENT.

OPTIMAL SERVICE: AS BEING A SERVICE ORIENTED COMPANY, WE BELIEVE IN RENDERING THE 24/7 INDUSTRY BEST SERVICE TO SATISFY OUR CUSTOMERS IN ORDER TO MAINTAIN VIGOROUS RELATIONS.

MAHITRI TECHNOCRATS PVT LTD.



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