

Our Ref:

Your Ref: MMS General Specifications Nov 2007

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For attention: Dr. Saeed Abdulla

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Dear Sir,

### MMS REQUIREMENT - RESPONSE TO GENERAL SPECIFICATION NOV 2007

Thank you for affording us the opportunity to submit a response to your valued requirement.

We are particularly excited about your requirement as our Zebra system was designed and developed with the specific aim to fulfill very large and ultra-high capacity requirements such as yours and we believe that unlike any other technology available on the market today, Zebra is very well positioned to fulfill if not exceed most if not all your requirements.

#### The offer

Our offer provides for the capability to capture a total of 52,174 concurrent channels or the equivalent 1684 Bi-Directional E1 lines from a variety of signal sources such as GSM, PSTN, Inmarsat and Intelsat networks. The offer further provides for the storage of each and every call event, (including unsuccessful or uncompleted call attempts) and content on all 52,174 channels.

Some interesting statistics from our system throughput and dimensioning calculations is that the system is dimensioned to record 22,6 million calls during a 24 hour cycle. Even if calls are spread evenly over a 24 hour period, the system needs start recording an average of 262 new calls every second.

The maximum storage capacity is another notable figure. Depending on what option is selected, the total disk capacity of the offered solution is more than 9 Petabytes (Raw) or 9,000 Terabytes. Running the risk of stating the obvious, this will indeed be an impressive capability.

Due to the size of the system and many implementation decisions that needs to be taken to be able to finalize the exact requirement and roll out plan we've offered a number of options with the intention to provide more flexibility to the MOI instead of a take-it-all or leave-it approach. Needless to add that because we opted for more flexibility, we are ready to update the proposal to your final requirements.

#### The Product

When VASTech embarked on the development of our new generation monitor centre, we made a number of strategic product architecture decisions that impacted dramatically on the collection capabilities of intelligence agencies.

We wanted to ensure that our customers get the very latest IP based technology platform that will seamlessly fit into new network architecture well knowing that legacy TDM based networks will be around for many years to come. The result is that Zebra can live equally well in TDM networks even though it utilizes all the advantages of IP technology.

Our product architecture choices impacted directly on our client's intelligence gathering capability as well. Previously, collection was target based due to the capacity constraints of recording equipment. Target based collection requires prior knowledge of targets and their telephone numbers, hence reactive intelligence gathering. There was no way to identify new targets except from intercepts of existing targets or sources external to the Communications Intelligence (Comint) System.

With the mass recording capability of ZEBRA it became possible for the first time to simply record each and every call on connected carriers and analyze the content with the aim to identify new targets. All of a sudden Comint-based intelligence gathering became pro-active. This new feature does however not take away the ability to work on a target-based approach as filters can be defined for known targets allowing users to zoom-in on a specific target much the same way they used to work with trigger-based technology. Appreciably, the ability to record everything is a major advantage in intelligence gathering and is the single most important feature of Zebra augmented by its small footprint.

Other important features of Zebra are the ease with which the system scales-up, very flexible deployment options and the fact that Zebra rides on Moore's Law to offer the latest computer and storage technology as part of the solution.

### The Company

VASTech experienced tremendous growth in demand for our products and as a result the company grew in size and presence. Today we employ in excess of 40 employees, mostly engineers many of whom hold post graduate and PhD qualifications. VASTech SA is our product development engine while VASTech ME is focused on serving markets in North Africa and the Middle East and VASTech Africa markets is in Sub-Sahara Africa.

The EU, Eastern Europe, South American and Asia Pacific markets are serviced from VASTech SA directly or through one of our OEM resellers.

VASTech is focused solely on serving the needs of intelligence agencies, nothing more and nothing less. Zebra is a passive surveillance product for bulk interception of all communications. Although Zebra can be used for LI requirements typically for Law Enforcement agencies, such requirements do not drive our development simply because LI systems are target based and requires a fraction of the capacity that passive surveillance solutions requires.

I trust that our proposal is clear and unambiguous, but should you wish to clarify any aspect or desire more detail, kindly contact me should at any time.

Yours truly,

A handwritten signature in black ink, appearing to read "J.A. Scholtz".

J.A. Scholtz

Director: VASTech SA (Pty) Ltd

For and on behalf of VASTech ME

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