Foundation Technologies. Please list and briefly describe the cellular
echnologies you currently use in your network? (e.g., GSM, GPRS, EDGE, UMTS,
:RTT, 1xEV-DO, iDEN, etc.)
echnology: GSM-GPRS; then EDGE technology, which can deliver 100Kbps
-Mobile operates the largest GSM/GPRS 1900 MHz voice and data network in the
)untry. GPRS (General Radio Packet Service) technology, provides customers
.reless Internet access at average speeds of 40-60 Kbps, which rival or exceed
:andard dial-up wired connections. T-Mobile is currently upgrading its sites t
)GE in the U.S. (we started extensive testing last year).
Data Coverage Area. As of August 1, 2004 (or most recent date for available
ıta), describe and, where possible, illustrate your POP coverage areas for eac
ıjor data technology supported on your network? (For a CDMA2000 carrier, this
.ght be X POPS with 1xRTT, Y POPS with 1x-EV-DO. For a GSM-UMTS carrier, this
.ght be X POPS with GPRS, Y POPS with EDGE, Z POPS with UMTS.) You may also
ımmarize coverage outside the US, if available, as well as other wireless data
ervice offerings, including WiFi hotspots.
-Mobile operates the largest GSM/GPRS 1900 MHz voice and data network in the
)untry reaching more than 253 million people including roaming and other
greements exclusively under the T-Mobile brand name. T-Mobile and its
:filiates own licenses to provide service to 95 percent of the U.S. populatior
-Mobile is also unique in that it operates more than 4,700 WiFi hot spots in
ıe U.S. and more than 2,500 in Europe. T-Mobile is making wireless data
ıvestments today, with Wi-Fi, to lay groundwork for future revenue growth. Wi-
. is one piece of that strategy to grow existing customers accounts and bring
ı new customers. Wi-Fi is not a stand-alone business for T-Mobile, but rather
)mplement to our nationwide wireless voice (GSM) and (GPRS) and eventual EDGE
ıta service. By combining the benefits of these networks, T-Mobile offers
ıstomers coverage where they want it and speed when they need it.
.-Fi has proven to be a real draw for customers. In fact, 1/3 of T-Mobile USA
.-Fi users are also subscribers to T-Mobile's cellular voice services (earning
ıe carrier an average of $20 in additional revenues per customer each month).
.nce launching Hotspots, we've seen a 50 percent reduction in churn among thes
ıstomers. By having the Wi-Fi division and its mobile-phone business share an
ıderlying data network, as well as the network operation and customer call
:nters, T-Mobile is also able to keep costs low.
Roaming for Data Services. Summarize any roaming agreements you have with
:her carriers as relates to data services.
:low are links to roaming agreements we have announced in the past two years:
:tp://www.t-mobile.com/company/pressroom/pressrelease88.asp
:tp://www.t-mobile.com/company/pressroom/pressrelease91.asp
:tp://www.t-mobile.com/company/pressroom/pressrelease86.asp
:tp://www.t-mobile.com/company/pressroom/pressrelease70.asp
:tp://www.t-mobile.com/company/pressroom/pressrelease68.asp
Data Service Pricing ñ Enterprise Plans. As of July 1, summarize the service
:icing of your data plans that are targeted at enterprise applications? (This
ıould include unlimited usage and high-volume usage-based plans, if available)
ıtionwide Enterprise Pooling Plans
ıtional Enterprise 5
; lines included)

:50
ıared Whenever Minutes (monthly): 5000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 10
.0 lines included)
;00
ıared Whenever Minutes (monthly): 10,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 20
:0 lines included)
.000
ıared Whenever Minutes (monthly): 20,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 50
;0 lines included)
:500
ıared Whenever Minutes (monthly): 50,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 100
.00 lines included)
;000
ıared Whenever Minutes (monthly): 100,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 150
.50 lines included)
'500
ıared Whenever Minutes (monthly): 150,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 250
:50 lines included)
.2,500
ıared Whenever Minutes (monthly): 250,000 minutes
›bile to Mobile Minutes (monthly): Unlimited
:ekend Minutes (monthly): Unlimited
:xt messaging (monthly): 300 messages (5¢ each additional message)
ıtional Enterprise 500
;00 lines included)

25,000
ıared Whenever Minutes (monthly): 500,000 minutes
obile to Mobile Minutes (monthly): Unlimited
ekend Minutes (monthly): Unlimited
xt messaging (monthly): 300 messages (5¢ each additional message)
Pricing Consistency. For nationwide data plans, is your service pricing
nsistent across the US. (For example, is the pricing obtained for a subscribe
ı Seattle the same as for a subscriber in New York?) Yes
Mobile Data Device Connectivity. Summarize your approach to supporting data
rvices on notebook and handheld computers. Specifically, address options for
nnecting such a device through a cell phone (Bluetooth, infrared, or cable)
ıd also through the use of PC-Card, Compact Flash, or SDIO or other modems.
ldress related pricing issues including subsidized-purchase programs for moder
ıd any additional charges associated with using both a data-enabled phone and
parate modem.
ıstomers can access the web, check email, etc. via T-Mobile's nationwide
.ghspeed (GPRS) data network via their phone, device or a data card. See
tp://www.t-mobile.com/products/default.asp?class=pda and http://www.t-
obile.com/products/default.asp?class=data for the latest info on products
.so note: T-Mobile and HP recently announced the iPAQ h6315 Pocket PC, the
.rst all-in-one wireless device to include built-in GSM global phone
ıpabilities with integrated GPRS wireless data, Wi-Fi, and Bluetooth
ınctionality. This is a significant announcement as the first converged device
ıat allows customers to seamlessly switch between cellular and Wi-Fi networks
s they travel. The device, which automatically notifies customers as they ente
Wi-Fi Hotspot and switches them to the fastest network available, will help t
edefine the mobile Internet experience by providing mobile pros with what they
ave most from wireless data services: coverage where they want it and speed
ıen they need it.
Web Optimization. Do you offer optimization of Web traffic as an option? If
), describe the systemís architecture (client/server, clientless or both). Yes
optimize web traffic
Value-Added Business Data Service Offerings. Please list and briefly explain
our value-added services for business data connectivity? (This could include
ems such as optimized e-mail access.)
-Mobile provides the best overall value in easy-to-use and reliable converged
.reless solutions for mobile professionals
eat line up of easy to use converged devices (e.g. the IPAQ PPC h6315, TREO
)0 and Blackberry)
st value pricing - T-Mobile's basic $79.99 monthly rate plan for the iPAQ
315 includes 1,000 minutes of anytime voice calling, plus unlimited data: e-
ıil, Web pages, instant messaging. That includes free use of T-Mobile Wi-Fi ho
ots, such as those at Starbucks. The $89.99 plan adds the ability to redirect
our corporate e-mail to the device.
st out-of-the-box email experience (i.e. the iPAQ h6315 is bundled with a "my
ıail" application from Good Technologies. The Blackberry includes the
.ackberry Enterprise Client and Blackberry Web Client).

Network Connectivity. Do you allow enterprise customers to connect to your
etwork other than via the Internet? (For example, do you offer Frame Relay
/Cs? Please list all the options.) I will check on this...
). Network VPN. Related to the previous questions, for secure connectivity ove
ıe Internet, do you allow enterprises to connect to your network using VPN
echnology over the Internet? (This is a server-to-server VPN connection whose
ıd points are your infrastructure network and the enterprise network. We are
ot referring to VPNs that terminate on the mobile device.) Yes
.. IP Addressing. Do you offer customers the option of private or public IP
ıdresses for assignment to mobile stations? Do you offer customers the option
: acquiring static IP addresses for their mobile stations? Explain your
ıtionale in both cases. I will check on this...
2. Airlink Security. Does your network encrypt data communications for over-
ıe-air transmission? If so, what encryption algorithm is used? (If this diffe
or different wireless technologies that you offer, please indicate for each
echnology.)
-Mobile is the first Wi-Fi provider to support of 802.1x across its entire
otspot network with rollout to more than 4,700 locations slated for completio
ırly this fall. Once deployed, 802.1x (which works with the WPA standard) wil
rotect the air interface between the client device and the access point,
ırther protecting customers from intruders who try to intercept or 'hijack'
ıformation in route between the network and the their laptop or PDA.
ıis is huge plus for the enterprise and small & medium businesses with CIOs
oicing the concern that Wi-Fi -- no matter how promising ñ needs the security
.nks worked out before mass adoption makes sense. In many cases, Wi-Fi has be
elow the radar of risk adverse CIOs and IT managers, leading to slower adopti
: the technology than those desired by the workers.
3. Next Generation Deployment Plans. Indicate, if possible, how extensive you
overage area (either POPs or metropolitan areas) will be with emerging 3G
ellular technologies (1xEV-DO for CDMA carriers and EDGE and UMTS for
PRS/EDGE/UMTS carriers) by end of 2005 and by end of 2006. If multiple
echnologies are being deployed, please indicate plans for each technology.
-Mobile is currently upgrading its sites to EDGE in the U.S. (we started
tensive testing last year).