



# The Houthis' Use of Technology for Repression

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## Introduction

Despite Yemen's ongoing civil war, which saw the Iran-backed Houthis seize power in 2014, the country's telecommunications industry has continued to grow. According to a recent U.N. report, since 2014, the number of mobile phone subscriptions has increased by nearly 20 percent to 18.6 million, while the number of Internet users has more than doubled to 7.2 million.¹ The figures should indicate that the Yemeni people have greater access to information and could, in turn, provide the outside world additional information about Yemen. However, with the Houthis' powerful control of the telecommunications industry in Yemen, the population's growing connectivity is a double-edged sword.

This report will shed light on the Houthis' use of Yemeni telecommunications infrastructure to control the information environment. In particular, it will focus on the mobile network operators (MNOs) and Internet Service Providers (ISPs) in Yemen. Regarding the MNOs, it will discuss how the Houthis exert control over key companies in this space, what type of intelligence their control provides them, and activities the group undertakes to supplement this intelligence. As for the Internet, the report will identify how the Houthis control this infrastructure and use it for censorship.

The research will also identify which officials, companies, and individuals play leading roles in building up the Houthis' technological capabilities for censorship and surveillance. Notably, there are U.S. government precedents<sup>2</sup> for sanctioning entities involved in such activities in other countries, including:

- Executive Order (E.O.) 13846, which authorizes sanctions for censorship or other activities with respect to Iran; and
- E.O. 13606, which authorizes sanctions for grave human rights abuses by the governments of Iran and Syria via information technology.

 $<sup>1 \</sup>quad \text{``Final report of the Panel of Experts on Yemen,'' U.N. Panel of Experts on Yemen, January 25, 2022,} \\ \underline{\text{https://www.securitycouncilreport.org/atf/cf/\%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9\%7D/S\_2022\_50.pdf.} \\ \\$ 

<sup>2 &</sup>quot;Treasury Sanctions Iranian Officials and Entities Responsible for Ongoing Crackdown on Protests and Internet Censorship," U.S. Department of the Treasury, October 26, 2022,

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# The Houthis and MNOs: A Valuable Source of Revenue and Intelligence

## **Background on Yemen's MNOs**

In 2001, the first tenders were issued to MNOs in Yemen, and since then, the market has expanded to around 70 mobile subscriptions for every 100 people.<sup>3</sup> The Yemeni MNO landscape includes three significant players that comprise more than 90 percent of the market: Yemen Mobile (40 percent), Sabafon (28 percent), and MTN Yemen/Yemen Oman United (YOU) telecom (27 percent).<sup>4</sup> Since the outbreak of the Yemeni civil war in 2014, the Government of Yemen (GOY) and Houthis have been in a struggle to gain control of the cellular providers and their infrastructure.



The Houthis, due to their control of the Ministry of Telecommunication and Information Technology (MTIT) in Sanaa, have a controlling stake of **Yemen Mobile**. While Yemen Mobile was previously viewed as the only MNO that serves both Houthi-controlled and government-controlled territory, the GOY has recently banned the repair or modernization of Yemen Mobile infrastructure in its territory.<sup>5</sup>

**Sabafon** was initially based in Sanaa but several years after the 2014 Houthi takeover, the company's ownership decided to move the organization to Aden. According to Sana'a Center for Strategic Studies, the 2020 move to Aden "was to avoid paying the fine,<sup>6</sup> to disengage its network from Houthi wiretapping of customers, and to prepare for expansion into fourth and fifth generation mobile phone services." But rather than leaving the capital city entirely, the company appears to have split into Sanaa-based<sup>8</sup> and Aden-based entities<sup>9</sup> bearing the same name. Due to Houthi directives following Sabafon-Aden's departure, the Sabafon-Aden's subscribers can no longer call Sabafon-Sanaa subscribers (or subscribers of any other Houthi-controlled MNOs). Since the split, Houthi missile strikes have targeted and severely damaged Sabafon-Aden's cellular infrastructure.<sup>10</sup>

**MTN Yemen** was based in Sanaa until 2021, when the South African conglomerate "sold" its shares of the company, reportedly to an Omani conglomerate, despite the GOY's opposition to the deal. The acquired company resumed operations from Sanaa under the new brand **YOU telecom** in 2022. That same year, the GOY suspended YOU telecom's mobile services in its territories due to "delinquent tax payments." <sup>11</sup>

The takeover of MTN Yemen in 2021 is an intriguing example in the struggle to control Yemen's MNOs. The following section is a product of intensive research, and the information uncovered raises many red flags regarding potential corruption in the "gifting" of a company with tens if not hundreds of millions of dollars in annual revenues.

<sup>3 &</sup>quot;Number of mobile cellular subscriptions per 100 inhabitants in Yemen from 2000 to 2016," Statista, accessed July 23, 2023, <a href="https://www.statista.com/statistics/510648/mobile-cellular-subscriptions-per-100-inhabitants-in-yemen/">https://www.statista.com/statistics/510648/mobile-cellular-subscriptions-per-100-inhabitants-in-yemen/</a>.

<sup>4</sup> Statistics from 2019 via Mansoor al-Bashiri's "Impacts of the War on the Telecommunications Sector in Yemen."

<sup>5 &</sup>quot;Houthis Ban Locally Produced Cooking Gas," Sana'a Center for Strategic Studies, May 2023, <a href="https://sanaacenter.org/the-yemen-review/may-2023/20390">https://sanaacenter.org/the-yemen-review/may-2023/20390</a>.

<sup>6</sup> The Houthis sought to charge Sabafon \$72 million based on the claim that the company received an illegal tax break in 2007-8.

<sup>7 &</sup>quot;Battle for Marib – The Yemen Review, September 2020," Sana'a Center For Strategic Studies, October 10, 2020, <a href="https://sanaacenter.org/publications/the-yemen-review/11678">https://sanaacenter.org/publications/the-yemen-review/11678</a>.

<sup>8 &</sup>quot;Sabafon - Sanaa," accessed July 23, 2023, https://www.sabafon.com.ye/en/home/.

<sup>9 &</sup>quot;Sabafon - Aden," accessed July 23, 2023, https://www.sabafon.com/homepage/en.

<sup>10 &</sup>quot;Final report of the Panel of Experts on Yemen," U.N. Panel of Experts on Yemen, February 21, 2023.

<sup>11 &</sup>quot;Houthis Ban Locally Produced Cooking Gas," Sana'a Center for Strategic Studies.

## **Exchanged for a Quarter: The Curious Acquisition of MTN Yemen**

In principle, MTN's departure from Yemen in November 2021 should not have come as a surprise as this was supposedly<sup>12</sup> part of the company's declared strategy to disengage from the Middle East and focus on African markets. Around the same that it withdrew from Yemen, the South African telecom giant also departed from both Syria and Afghanistan. MTN's desire to leave Yemen was probably related to several intertwined issues, which created a challenging business environment in Yemen, particularly:

- 1. Telecommunications is one of the largest sectors of the Yemeni economy in terms of revenue generation. As such, telecommunications companies are prime targets for extortion attempts by Yemeni powerbrokers, a practice made possible by Yemen's corrupt and dysfunctional business/regulatory environment;
- 2. The Houthis' totalitarian rule in Sanaa presented an ongoing risk of expropriation;<sup>13</sup>
- 3. The risks and complications of maintaining telecommunications infrastructure during an ongoing civil war; and
- 4. A destitute population which translates into fairly limited market potential.

What is truly interesting is not that MTN withdrew from Yemen, but how they did so.

One United Arab Emirates dirham (about 25 cents in U.S. currency) is all that MTN was paid for a controlling share in the company, which held about 30 percent of the MNO market in Yemen. <sup>14</sup> This seems like an unusually small payment for a large stake of a market valued at hundreds of millions of dollars. The sequence of events in Yemen was also unique when compared with MTN's withdrawals from Afghanistan and Syria. In Afghanistan, the company received \$31 million dollars in exchange for its shares of MTN Afghanistan, and in Syria, where MTN was forced out by the "Syrian court system," the company declared its right to seek redress in international court. <sup>15</sup> In Sanaa, when MTN pulled out, it appears to have neither been sufficiently compensated nor did it claim that it should.

No less surprising is the new owner of MTN Yemen: a company named **Emerald International Invest-ment** (EII), a holding company which was registered about two weeks before it gained a controlling stake in MTN Yemen. According to MTN, Emerald is a subsidiary of Zubair Investment Center LLC, an affiliate of Zubair Corporation LLC, which is the minority shareholder in MTN Yemen. The narrative was that EII's takeover of MTN Yemen was essentially a minority owner of the company gaining majority control. But the actual shareholders of EII are Oman-based holding company **Arkan International Modern Investment** (AIMI) (99 percent) and a Yemeni national by the name **Marwan Mohammed Khaled Mohammed** (one percent).

The report notes MTN's exit from Yemen and Syria was part of the company's broader strategy, and that may well be the case. However, that seems to conflict with a PowerPoint released by the company in the summer of 2021, just months before the withdrawal, which indicates 18 percent year-over-year growth in Yemen and intention to continue investing in the Yemeni market. The PowerPoint can be found at this link and its metadata indicates that it was created on July 6, 2021: <a href="https://www.mtn-investor.com/mtn-cmd/pdf/presentations/accelerating-the-regions-sea-weca-mena.pdf">https://www.mtn-investor.com/mtn-cmd/pdf/presentations/accelerating-the-regions-sea-weca-mena.pdf</a>.

<sup>13 &</sup>quot;The Houthi group issues a ruling to seize the balances of MTN Yemen," *Almawqea Post*, June 25, 2018, http://bitly.ws/M8Cg.

<sup>&</sup>quot;Annual financial results for the year ended 31 December 2021," MTN Group, accessed July 23, 2023, https://www.mtn-investor.com/reporting/annuals-2021/pdf/booklet.pdf.

Tom Leins, "How MTN Hung Up on the Middle East," TeleGeography, September 7, 2022, <a href="https://blog.telegeography.com/how-mtn-hung-up-on-the-middle-east">https://blog.telegeography.com/how-mtn-hung-up-on-the-middle-east</a>.

<sup>16</sup> See Annex A.

<sup>17 &</sup>quot;Annual financial results for the year ended 31 December 2021," MTN Group.

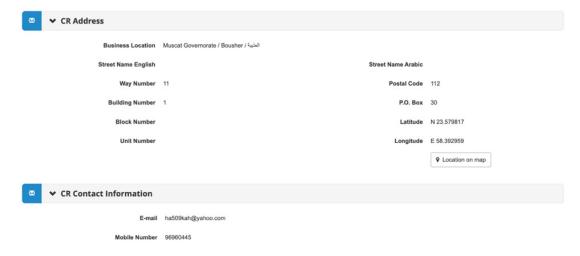
<sup>18</sup> See Annex B.



Little is known about the mysterious shareholders of EII who acquired MTN Yemen.

Little if any information, beyond a bare-bones website for "Arkan Investments" in Oman potentially linked to AIMI,<sup>19</sup> is available about the new owners of one of Yemen's largest MNOs.<sup>20</sup> Based on the registered share-holders, there is no indication that EII is owned by Zubair. In fact, the only EII-Zubair connection is the contact email listed in EII's registration: Qais.Albattashi@zubaircorp.com. Qais Al Batashi was appointed Zubair's Head of Public Relations, though it was acknowledged that he was fairly young for such a role,<sup>21</sup> and then approximately six weeks later he became the point of contact for this telecom acquisition.

AIMI, the owner of 99 percent of EII, is not owned by Zubair<sup>22</sup> and was registered as a corporation in Oman *one day after EII*.<sup>23</sup> It appears to be owned by two Yemeni nationals, one of whom is a partial owner of EII alongside AIMI: Marwan Mohammed Khaled Mohammed and the other is Abdullah Mohammed Abdullah Al Naggar. The contact details for AIMI are a Yahoo email address (ha509kah@yahoo.com) and a telephone number (96960445) which appears fraudulent. In contrast to the contact phone number listed for EII, this telephone number does not comply with any known country code or regional telephone format. Further, the company address on its registration does not list a specific street.<sup>24</sup>



AIMI was the major shareholder of the company that acquired MTN Yemen. It provided little contact information in its business registration in Oman, and whatever details it did provide appear dubious.

<sup>19</sup> Arkan Investment, Accessed July 23, 2023, https://arkan-inv.com/.

<sup>20 &</sup>quot;MTN Group progresses with the simplification of its portfolio with exit from Yemen," MTN Group, November 18, 2021, <a href="https://www.mtn.com/mtn-group-progresses-with-the-simplification-of-its-portfolio-with-exit-from-yemen/">https://www.mtn.com/mtn-group-progresses-with-the-simplification-of-its-portfolio-with-exit-from-yemen/</a>.

<sup>21 &</sup>quot;Zubair Corporation appoints Qais Badr Al Batashi as Head of Public Relations," *Times of Oman*, September 29, 2021, <a href="https://timesofoman.com/article/107330-zubair-corporation-appoints-qais-badr-al-batashi-as-head-of-public-relations">https://timesofoman.com/article/107330-zubair-corporation-appoints-qais-badr-al-batashi-as-head-of-public-relations</a>.

<sup>22</sup> In an actual Zubair venture where Batashi is listed as POC on the Omani company register

رامنتس إلى دي دجل ا قال الماكور , NEW HORIZON INVESTMENT COMPANY), members of the Zubair family are listed as shareholders. See Annex C.

<sup>23</sup> See Annex B.

<sup>24</sup> The Arkan Investment website includes the following cryptic (and misspelled) address: "P.O.Box: 48, Postal Code: 612 Azaiba, Street 18 November Muscat, Sultanate Of Oman."

Any theories about who was behind EII's acquisition of MTN Yemen and its transformation into YOU telecom would be speculation. However, given the importance of the telecommunication industry in Yemen, the GOY's opposition to the 2021 transaction<sup>25</sup> and the Houthi's complete silence on the matter is telling. In addition, it is notable that MTN has since been enabled to operate from Houthi-controlled Sanaa under the new YOU telecom brand and was swiftly banned by the GOY.

## Houthi Surveillance and Spyware

Houthi surveillance measures are directed at their opponents within Yemen—both in territories under their direct control and outside of it. As early as 2015, a news report from a Yemeni website quoted an anonymous Yemen Mobile employee saying, "Houthi group and Saleh loyalists monitor all communications and text messages of phones located on battlefields throughout the country... a special team trained by the Houthis carries out this task day and night." By exploiting tools designed for law enforcement purposes, the Houthis are able to yield information on the private communications of the mobile subscribers of the Sanaa-based MNOs.

Collection of cellular communications is hardly a new or particularly complex challenge for governments working in cooperation with cellular providers. Lawful interception is a basic function that all governments are able to conduct in order to view incoming and outgoing communications (i.e., calls and text messages) for particular mobile subscribers. In the Houthis context, however, this likely serves as a source for intelligence on enemy planning, counterintelligence on domestic opponents of their regime, and *kompromat* to blackmail Sanaa's enemies. Therefore, it should come as no surprise that that the Houthis are doing their utmost to maintain this resource by holding on to their "monopolistic market share throughout the whole country...[to] not allow the growth of rival telecommunications companies based in Aden."<sup>27</sup>

There are numerous allegations regarding the extent and capabilities of the Houthi wiretapping. One article associated with Yemen's al-Islah Party noted, "the new Houthi leadership that runs the Yemen Mobile Company has placed more than 3,000 military and civilian personnel of the GOY under surveillance and wiretapping." Regarding Houthi capabilities, it explained that the group is able to monitor communications based not only on the SIM card but also on the unique identifier for the device itself (presumably the IMEI) to ensure that even individuals under surveillance who switch SIMs as a countersurveillance measure cannot evade Houthi tracking. Several sources also allege that Iran and Iranian-sponsored terrorist group Hezbollah play significant roles in supervising the Houthi mobile surveillance apparatus and providing it with advanced surveillance equipment.

Yet, classic lawful interception does not provide a solution for on-device data that has not transited the mobile network, nor does it cover encrypted Internet-based communications (e.g., WhatsApp, Signal, etc.). Therefore, it is worth noting that official government statements<sup>31</sup> as well as leaked emails<sup>32</sup> indicate GOY forces in Sanaa sought to acquire more intrusive capabilities to hack mobile devices (commonly known as "spyware") prior to the 2014 Houthi takeover. Whether European spyware vendors sold to the GOY remains unknown, as Citizen Lab was unable to find any evidence indicating that they had.<sup>33</sup> Nonetheless, capabilities purchased in 2014 would be outdated to the point of irrelevance.

<sup>&</sup>lt;sup>25</sup> "Communications Ministry rejects MTN unilateral measures," *Yemen News Agency*, November 23, 2021, <a href="https://www.sabanew.net/story/en/81312">https://www.sabanew.net/story/en/81312</a>.

<sup>26 &</sup>quot;A Source In The "Yemen Mobile" Company Reveals Dangerous And Important Information," Yemen Press, May 31, 2015, <a href="https://yemen-press.net/news48718.html">https://yemen-press.net/news48718.html</a>.

 $<sup>\</sup>underline{\textbf{27}} \quad \underline{\textbf{https://www.securitycouncilreport.org/atf/cf/\%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9\%7D/S\_2023\_130.pdf}$ 

<sup>28 &</sup>quot;The Houthis and telecom companies: Between looting resources and violating privacies," *al-Islah Net*, January 2, 2022, <a href="https://alislah-ye.com/news\_details.php?sid=8784">https://alislah-ye.com/news\_details.php?sid=8784</a>.

<sup>29 &</sup>quot;The Houthis and telecom companies: Between looting resources and violating privacies," al-Islah Net.

<sup>30 &</sup>quot;Telecommunication: A Tool of War," Regain Yemen, June 30, 2022, <a href="https://www.regainye.org/2022/06/30/regain-yemen-issues-its-fifth-report-telecommunication-is-a-tool-of-war/">https://www.regainye.org/2022/06/30/regain-yemen-issues-its-fifth-report-telecommunication-is-a-tool-of-war/</a>; Jakub Dalek, Ron Deibert, Sarah McKune, et al., "Information Controls during Military Operations."

<sup>31 &</sup>quot;Yemen wants much more US aid to fight terrorism," *The Economic Times*, November 10, 2010, <a href="https://economictimes.indiatimes.com/news/politics-and-nation/yemen-wants-much-more-us-aid-to-fight-terrorism/article-show/6899798.cms?from=mdr">https://economictimes.indiatimes.com/news/politics-and-nation/yemen-wants-much-more-us-aid-to-fight-terrorism/article-show/6899798.cms?from=mdr</a>.

Hacking Team, "Re: Product inquiry," Wikileaks, May 30, 2013, <a href="https://wikileaks.org/hackingteam/emails/emailid/606402">https://wikileaks.org/hackingteam/emails/emailid/606402</a>.

<sup>33</sup> Jakub Dalek, Ron Deibert, Sarah McKune, et al., "Information Controls during Military Operations."

Interestingly, in May 2023, *Recorded Future* published a report entitled "OilAlpha: A Likely Pro-Houthi Group Targeting Entities Across the Arabian Peninsula," which shed new light on spyware use against the Houthis' enemies.<sup>34</sup> Hackers reportedly utilized remote access trojans (RATs) to target Android-based devices belonging to individuals working as political representatives, journalists, and NGO workers affiliated with the GOY, Saudi Arabia, or the UAE. The hackers used sophisticated social engineering tactics via end-to-end encrypted instant messaging applications like WhatsApp to deliver malicious links to the targets. Once the target fell for the ruse and unknowingly provided access to his device, the group was enabled to access far more information than would be available from a simple wiretap, including "call logs, SMS data, contact information, network information... the device's camera and audio, as well as GPS location data, among others."<sup>35</sup>

The conclusion that these attacks were (and continue to be) launched at the behest of the Houthis is based on the fact that infrastructure used for the command and control belongs to the Houthi-controlled Public Telecommunication Corporation (PTC). The report also assessed that the Houthis are the singular organization with motive to surveil those who fit the profile of the targets. However, it is possible that the Houthis are not directly engaged in these efforts, and they may have contracted this activity out to "external threat actors like Lebanese or Iraqi Hezbollah, or even Iranian operators supporting the IRGC [Islamic Revolutionary Guard Corps]."

<sup>34</sup> Insikt Group, "OilAlpha: A Likely Pro-Houthi Group Targeting Entities Across the Arabian Peninsula," *Recorded Future*, May 16, 2023, <a href="https://www.recordedfuture.com/oilalpha-likely-pro-houthi-group-targeting-arabian-peninsula">https://www.recordedfuture.com/oilalpha-likely-pro-houthi-group-targeting-arabian-peninsula</a>.

<sup>35</sup> Insikt Group, "OilAlpha: A Likely Pro-Houthi Group Targeting Entities Across the Arabian Peninsula."

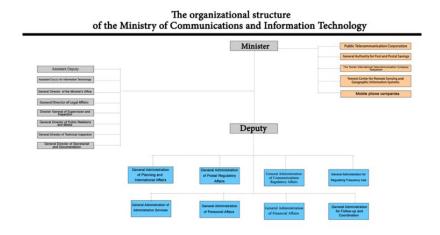
<sup>36</sup> Insikt Group, "OilAlpha: A Likely Pro-Houthi Group Targeting Entities Across the Arabian Peninsula."

# **Internet in Yemen: Houthis Control and Exploitation**

## **Background**

Internet was first made available to Yemenis in 1996 by TeleYemen, a joint U.K.-Yemeni venture that served as the country's first Internet Service Provider (ISP). In 2001, the GOY created an alternative ISP called Yemen-Net, which has since become the practically unrivalled provider to the Yemeni market. Then, in 2004, TeleYemen also came under full GOY control, and it continues to maintain control of the country's significant Internet Gateways (i.e., pathways for Internet traffic in and out of Yemen). As both major players in Yemen's Internet infrastructure were government-owned by 2004, the industry was centralized and fairly easy to regulate.

Since the Internet's advent to Yemen, contents were filtered by the government of Ali Abdullah Saleh.<sup>37</sup> After Saleh's fall in 2012 and the Houthi takeover of Sanaa in 2014, Internet censorship intensified. With the 60-70 percent of the Yemeni population living under their rule, the Houthis' control of the country's ISP granted them the ability to control what information the majority of Yemenis could access.



While this chart is from thewWebsite of the MTIT of the GOY,38 it more accurately reflects the MTIT of the Houthis. According to the U.N., "The ministry of telecommunications and information technology responsible for the areas under the control of the Houthis is the overarching body that performs all types of roles concerning this sector." <sup>39</sup>

Prior to 2014, TeleYemen and YemenNet operated under the auspices of the MTIT. TeleYemen reported directly to the minister, while YemenNet operated under the authority of the MTIT's PTC. After the Houthis stormed Sanaa, they appear to have maintained that same structure. However, the minister in charge was no longer from the GOY, but rather an appointee of the Houthis Supreme Revolutionary Council. Those appointed by the Houthis as minister in charge of overseeing the MTIT and TeleYemen include: **Musleh Mohsen Al-Uzair**, then **Jlidan Mahmoud Jlidan**, and since December 2017, the role has been filled by **Misfer al-Numeir**. PTC, charged with managing YemenNet, is administered by Director General **Sadiq Muhammad Musleh** and his deputy **Taha Muhammad Zabara**.

<sup>37</sup> Before acquiring the product of Canadian company NetSweeper, the GOY under Saleh used the product of U.S.-based company WebSense. In 2009, after being made aware that its products were used to censor the Internet in Yemen, WebSense blocked updates to YemenNet and TeleYemen.

*See* Jillian C. York, "Websense Bars Yemen's Government from Further Software Updates," OpenNet Initiative, August 12, 2009, <a href="https://opennet.net/blog/2009/08/websense-bars-yemens-government-further-software-updates">https://opennet.net/blog/2009/08/websense-bars-yemens-government-further-software-updates</a>.

<sup>38 &</sup>quot;The Organizational Structure of the Ministry of Communications and Information Technology," MTIT, Accessed July 23, 2023, <a href="https://mtitye.org/index.php/en/ministry">https://mtitye.org/index.php/en/ministry</a>.

<sup>&</sup>quot;Final report of the Panel of Experts on Yemen," U.N. Panel of Experts on Yemen, January 26, 2021, <a href="https://www.securitycouncilreport.org/atf/cf/%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9%7D/S">https://www.securitycouncilreport.org/atf/cf/%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9%7D/S</a> 2022 50.pdf#page=37.







Houthi Ministers of MTIT: Former Deputy/Acting Minister Musleh Mohsen Al-Uzair, 2015-2016 (left);40 Jlidan Mahmoud Jlidan, 2016-17 (center);41 and Misfer al-Numeir, 2017-Present (right).42



PTC Director General Sadia Muhammad Musleh (left)<sup>43</sup> and his deputy Taha Muhammad Zabara (right).<sup>44</sup>

## **Internet Censorship and Surveillance**

Since taking control of Yemen's Internet, the Houthis sought to influence Yemeni society to accept their radical regime by saturating the information space with media supporting their narrative and blocking out websites and platforms that did not comport. Their approach appears to have worked. In 2021, around 80 percent of people living under Houthi rule trust their local officials to provide accurate information, while only about a quarter of those living in government-controlled territories said the same of those in-charge.<sup>45</sup> One might argue that the Houthis have earned the trust of the people through a variety of methods including good governance, but there does not appear to be much evidence to support such an explanation. <sup>46</sup> The creation of a hermetically-sealed and Houthi-controlled information bubble better explains the phenomenon, and it fits neatly with what Michael Knights describes as instances where Houthi troops are captured and then shocked to find out that all along they were fighting against fellow Yemenis rather than Americans or Israelis.<sup>47</sup>

It is noteworthy that the Houthis have taken legal measures to ensure that narratives or news contrary to their own would not be published on the Internet. For example, in 2017, the Houthis banned operating news websites without formal approval and reserved the right to ban any sites publishing information that they found objectionable.<sup>48</sup> However, this step only serves to control what is posted from within Yemen and does not impact what external entities can post on the Internet for Yemenis to see.

While the Houthis may have been dismissed as "unsophisticated"<sup>49</sup> before, during, and after they stormed Sanaa in 2014, their quick moves to exert tighter control on the information accessible to Yemenis indicates otherwise. According to Citizen Lab, by 2015, the group had used YemenNet's existing infrastructure and ca-

<sup>40 &</sup>quot;BRICS Champions, "accessed July 23, 2023,

https://albricsaward.com/category/%D8%A3%D8%A8%D8%B7%D8%A7%D9%84-%D8%A7%D9%84%D8%A8%D8%B1%D9%8A%D9%83%D8%B3/.

<sup>41</sup> Mohammed Alghobari (@MohammedGhobari), Twitter, January 3, 2018, <a href="https://twitter.com/adel\_alhersh/status/900040025638830083?s=20">https://twitter.com/adel\_alhersh/status/900040025638830083?s=20</a>.

<sup>42</sup> Misfer Abdullah al-Numeir (@AlnomeirMosfer), Twitter, <a href="https://twitter.com/AlnomeirMosfer?s=20">https://twitter.com/AlnomeirMosfer?s=20</a>.

<sup>43 &</sup>quot;Yemen Mobile Company organizes a reception for the new chairman and board and honors the former chairman and board," Yemen Mobile, accessed July 23, 2023, <a href="https://yemenmobile.com.ye/news\_details.php?sid=3141">https://yemenmobile.com.ye/news\_details.php?sid=3141</a>.

<sup>44 &</sup>quot;Taha Muhammad Zabara," MTIT, accessed July 23, 2023, <a href="https://www.mtit.gov.ye/ministry\_info.aspx?md=13">https://www.mtit.gov.ye/ministry\_info.aspx?md=13</a>.

<sup>45</sup> Hannah Porter, "The Houthi Soft War On Enemy Propaganda," Yemen Policy Center, December 2021, <a href="https://www.yemenpolicy.org/the-houthi-soft-war-on-enemy-propaganda/">https://www.yemenpolicy.org/the-houthi-soft-war-on-enemy-propaganda/</a>.

<sup>46</sup> Maysaa Shuja Al-Deen, "Entrenched Power: The Houthi System of Governance," Sana'a Center For Strategic Studies, July 11, 2022, <a href="https://sanaacenter.org/the-yemen-review/june-2022/18144">https://sanaacenter.org/the-yemen-review/june-2022/18144</a>; "Yemeni YouTubers sentenced to prison after criticising Houthis," *Al Jazeera*, March 22, 2023,

https://www.aljazeera.com/news/2023/3/22/yemeni-youtubers-sentenced-to-prison-after-criticising-houthis.

<sup>47 &</sup>quot;Battle of Aden," Warfare Podcast, May 26, 2023,

 $<sup>\</sup>underline{https://open.spotify.com/episode/2lnFYDYAdeLr6UjRQ3MCn5?si=3e2Y-g-zRpSd6PAIp1IfKQ.}$ 

<sup>48</sup> Jakub Dalek, Lex Gill, Bill Marczak, et al., "Planet NetSweeper," The Citizen Lab, April 25, 2018, https://tspace.library.utoronto.ca/bitstream/1807/95393/1/Report%23108--Planet%20Netsweeper.pdf.

The New York Times (@nytimes), Twitter, April 17, 2022, <a href="https://twitter.com/nytimes/status/1515705407754412035?s=20">https://twitter.com/nytimes/status/1515705407754412035?s=20</a>.

pabilities to filter out content and limit the information available to Yemenis with Internet access.<sup>50</sup> The NGO's 2015 report concluded that the following types of content were newly blocked:

- Sites with a URL that included Israel's top-level domain (URLs that end with ".il");
- Domestic independent news outlets reporting negatively on the Houthis or their allies;
- Websites of local political parties opposed to the Houthis;
- Foreign mainstream Arabic news outlets, like Al Arabiya and Al Jazeera; and
- Websites that promote secular/Christian/un-Islamic doctrines.

When trying to access specific websites via YemenNet, it was evident from the error messages that appeared on-screen which company had provided the Internet filtering technology. **NetSweeper**, a Canadian company which has provided similar solutions for a number of Gulf governments,<sup>51</sup> enabled its product for YemenNet well before the Houthis stormed Sanaa. Following the Houthi takeover, the definition of permissible content allowed to pass through the filter narrowed significantly.

NetSweeper initially threatened to sue Citizen Lab for defamation following the publication of its 2015 report.<sup>52</sup> However, the company dropped the suit by 2016. In advance of the publication of the 2018 report documenting the continued use of NetSweeper capabilities by YemenNet, the Canada-based company responded to the findings by noting its compliance with Canadian law and dilemmas facing "every major developer of IT solutions."<sup>53</sup>

At the time of this writing, it is not known whether NetSweeper's technology remains in use by the Houthis. However, a 2019 *Recorded Future* report noted "an increase in the deployment of network control devices on YemenNet, the ISP controlled by Houthi forces." The report also mentioned also mentioned YemenNet's "deployment of two additional NetSweeper devices" and "purchase of a large amount of equipment from Chinese telecommunications company Huawei."

Since 2015, Houthi Internet censorship has likely expanded from simply filtering out websites to active monitoring of Internet activity. A 2022 report by the U.N. Panel of Experts on Yemen noted that Houthi-controlled TeleYemen<sup>55</sup> purchased a "bandwidth management system" for Deep Packet Inspection (DPI). The deployment status of this capability is not explicitly stated in the report, but the "bandwidth management system" appears to be in use based on TeleYemen's unconvincing denial that it is being misused.<sup>56</sup> The Houthi's longtime control of Yemen's top-level domain (URLs that end with ".ye") combined with DPI provides the group with almost absolute control of the Internet in Yemen. As noted in the U.N. report, the Houthis now have the "capacity to monitor and interdict traffic, censor content, carry out Internet shutdowns, ban social media sites and personal messaging services, monitor private communications of opponents and block domains in all parts of the country."<sup>57</sup> The 2023 U.N. Panel of Experts report on Yemen notes that Houthis efforts to smuggle unauthorized telecommunications equipment into Yemen are ongoing and intensive, if not always successful.<sup>58</sup>

Jakub Dalek, Ron Deibert, Sarah McKune, et al., "Information Controls during Military Operations," The Citizen Lab, October 21, https://citizenlab.ca/2015/10/information-controls-military-operations-yemen/.

Helmi Noman and Jillian C. York., "West Censoring East: The Use of Western Technologies by Middle East Censors, 2010-2011," OpenNet Initiative, March 2011,

 $<sup>\</sup>underline{https://opennet.net/west-censoring-east-the-use-western-technologies-middle-east-censors-2010-2011.}$ 

<sup>52</sup> Jakub Dalek, Ron Deibert, Sarah McKune, et al., "Information Controls during Military Operations."

<sup>53</sup> Jakub Dalek, Lex Gill, Bill Marczak, et al., "Planet NetSweeper."

Insikt Group, "Yemeni War Emphasizes Importance of Internet Control in Statecraft and Conflict," *Recorded Future*, March 12, 2019, <a href="https://go.recordedfuture.com/hubfs/reports/cta-2019-0312.pdf">https://go.recordedfuture.com/hubfs/reports/cta-2019-0312.pdf</a>.

In the same U.N. report, the Sanaa-based TeleYemen denies its takeover by the Houthis citing the fact that the company's senior management has not been changed since 2014. However, it also denies the legitimacy of the GOY's official transfer of TeleYemen to Aden. There is an inherent contradiction in the idea that this state-owned company ignores the GOY's mandate so that it can remain in Houthi territory but simultaneously claims that it is not under Houthi control. It is not clear what service, if any, that TeleYemen's office in Aden is providing.

<sup>56 &</sup>quot;Final report of the Panel of Experts on Yemen," U.N. Panel of Experts on Yemen, January 25, 2022.

<sup>57 &</sup>quot;Final report of the Panel of Experts on Yemen," U.N. Panel of Experts on Yemen, February 21, 2023,

https://www.securitycouncilreport.org/atf/cf/%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9%7D/S\_2023\_130.pdf.

<sup>&</sup>quot;The GOY informed the Panel that they have seized many telecom equipment consignments, which were being smuggled into Yemen without obtaining a license or approval from the GOY's Ministry of Telecommunications and Information Technology. The Panel has been informed by its sources that some of the Sanaa-based telecom companies have recently changed their mode of procurement of equipment. Instead of directly importing the equipment, they have started buying equipment through some approved list of suppliers, who smuggle the equipment mostly through land borders in the GOY-controlled areas and then transfer the same to Sanaa. This modus

Analysts have suggested that the Houthis seek to strike a delicate balance between limiting their population's access to information and enjoying tens of millions of dollars in potential revenues that they can reap from their control of the countries two main ISPs.<sup>59</sup> They have increased prices (dollar per gigabyte, \$/GB) to the point where surfing the web on a mobile device in Yemen is more than twice the price of doing so in the second most expensive country to do so in the Middle East: \$16/GB in Yemen compared to around \$6/GB in Syria.<sup>60</sup> This is prohibitively expensive for many in Yemen, where the GDP per capita is around \$700.<sup>61</sup> In addition, the Houthi failure to invest in maintaining, repairing, and upgrading infrastructure has made Internet in Yemen not only expensive, but also extremely slow—if not the slowest in the world.<sup>62</sup>

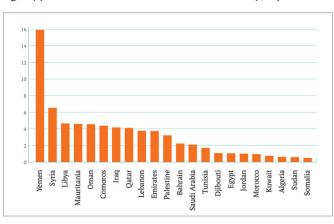


Figure (1): The cost of 1GB of mobile data in the Arab world (\$/GB)

Yemeni Internet prices (\$/GB) for using the Internet on mobile devices are more than ten times the price in Egypt or Jordan.<sup>63</sup>

While Virtual Private Networks (VPNs) do offer solutions that protect privacy through encryption and enable workarounds to content restrictions, they are not a panacea for Yemenis in search of secure access to content blocked in Yemen. Most attempts to access VPNs are blocked by Yemeni Internet controls,<sup>64</sup> the vast majority of the Yemeni population is not technologically literate enough to know about this possible solution or how to use it,<sup>65</sup> and using VPNs makes an already expensive and slow Internet experience even more so.<sup>66</sup>

To avoid providing income and intelligence to the Houthis and to evade the group's integrated censorship, <sup>67</sup> the GOY has sought to provide alternatives to the Houthi-controlled ISPs. With that in mind, it founded AdenNet in 2018. However, this effort has been slow to yield results. Five years later, the company is only able to provide limited Internet coverage to specific areas of Aden.

operandi is being adopted to avoid being directly implicated in any case of smuggling when any consignment is seized by the customs authorities of the GOY. The Panel has received information that such shipments regularly reach the Houthi-controlled telecom companies through smuggling networks."

See "Final report of the Panel of Experts on Yemen," U.N. Panel of Experts on Yemen, February 21, 2023, <a href="https://www.securitycouncilreport.org/atf/cf/%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9%7D/S">https://www.securitycouncilreport.org/atf/cf/%7B65BFCF9B-6D27-4E9C-8CD3-CF6E4FF96FF9%7D/S</a> 2023 130.pdf.

Casey Coombs, "In Yemen, the internet is a key front in the conflict," *Coda Story*, March 10, 2020, <a href="https://www.codastory.com/authoritarian-tech/yemen-internet-conflict/">https://www.codastory.com/authoritarian-tech/yemen-internet-conflict/</a>.

Mansoor al-Bashiri, "Impacts of the War on the Telecommunications Sector in Yemen," Sana'a Center For Strategic Studies, January 11, 2021, <a href="https://sanaacenter.org/publications/main-publications/12721">https://sanaacenter.org/publications/main-publications/12721</a>.

<sup>61 &</sup>quot;GDP per capita (current US\$) - Yemen, Rep.," The World Bank, Accessed August 23, 2023, https://data.worldbank.org/indicator/NY.GDP.PCAP.CD?locations=YE.

<sup>62 &</sup>quot;Broadband speeds and prices across the world," February 23, 2018, <a href="https://www.scgwales.com/2018/02/broadband-speeds-and-prices-across-the-world/">https://www.scgwales.com/2018/02/broadband-speeds-and-prices-across-the-world/</a>.

<sup>63</sup> Mansoor al-Bashiri, "Impacts of the War on the Telecommunications Sector in Yemen."

Jakub Dalek, Lex Gill, Bill Marczak, et al., "Planet NetSweeper: Section 2 – Country Case Studies," The Citizen Lab, April 25, 2018, <a href="https://citizenlab.ca/2018/04/planet-netsweeper-section-2-country-case-studies/">https://citizenlab.ca/2018/04/planet-netsweeper-section-2-country-case-studies/</a>; "Iran, Yemen, Saudi Arabia follow close behind China in VPN blocking," *Al-Monitor*, June 29, 2023, <a href="https://www.al-monitor.com/originals/2023/06/iran-yemen-saudi-arabia-follow-close-behind-china-vpn-blocking">https://www.al-monitor.com/originals/2023/06/iran-yemen-saudi-arabia-follow-close-behind-china-vpn-blocking</a>.

<sup>65</sup> Casey Coombs, "In Yemen, the internet is a key front in the conflict."

<sup>66</sup> Aliza Vigderman, Gabe Turner, "VPN Data Consumption & Cellular Usage," Security.org, April 11, 2023, <a href="https://www.security.org/vpn/does-vpn-use-data/#:~:text=Yes%2C%20VPNs%20affect%20data%20usage,t%20apply%20across%20the%20industry">https://www.security.org/vpn/does-vpn-use-data/#:~:text=Yes%2C%20VPNs%20affect%20data%20usage,t%20apply%20across%20the%20industry</a>.

<sup>67</sup> Jakub Dalek, Lex Gill, Bill Marczak, et al., "Planet NetSweeper."

# Conclusion

The root of the censorship and surveillance problem is Houthi control of the telecom providers (ISPs and MNOs), which become accomplices to the movement's totalitarian rule. Individuals and entities engaged in the worst practices of corruption and violations of basic human rights, including relevant officials from the MTIT, PTC, YemenNet, TeleYemen, and the YOU telecom acquisition scheme, ought to be sanctioned. The U.S. sanctions framework for doing so is either Global Magnitsky Act (formally known as the Russia and Moldova Jackson–Vanik Repeal and Sergei Magnitsky Rule of Law Accountability Act of 2012) or a new E.O. analogous to E.O. 13846 or E.O. 13606, which target entities involved in technological repression elsewhere in the Middle East.





TeleYemen CEO Ali Nagi Nosari(left)68 and Director General of YemenNet Taha Ahmed al-Rada'i.69

Steps against Yemeni telecommunications companies and their co-conspirators should be surgical. Drastic steps like immediately cutting off TeleYemen's connection to the Internet would certainly punish those companies, but it would also be a golden opportunity for the Houthis as it would make them an uncontested source of "information."

The aim should be to weaken and punish the offending entities while enhancing the position of the Yemeni people. The accomplices of Houthi corruption and human rights violations should be isolated, denied access to the U.S. financial system, prevented from building international partnerships, and blocked from acquiring state-of-the-art equipment that could enhance their commercial offerings or be used for surveillance purposes. But such steps will only yield significant results if connected to a comprehensive strategy, which aims to create better and safer alternatives to these companies.

<sup>68 &</sup>quot;Management Team," TeleYemen, accessed July 23, 2023,

https://www.teleyemen.com.ye/index.php/en/about-teleyemen/management-team.

<sup>69 &</sup>quot;Taha Ahmed Rada'i," Yemen Mobile – Board of Directors, accessed July 23, 2023, <a href="https://yemenmobile.com.ye/staff.php?id=59&lng=arabic.">https://yemenmobile.com.ye/staff.php?id=59&lng=arabic.</a>

# Annexes

E 58.461686

# Annex A. EII

## **CR Information**

•	<b>~</b>	CR Commercial Name
للاستثمار	. الدولية ا	الزمرد
Emera	ıld Inte	ernational Investment
*	~	CR Legal Type
Limited	d Liabi	lity Company
•	~	CR Registry information
14000	66	
02/11/2	2021	
Active		
05/12/	2024	
<b>×</b>	~	CR Address
Busi	ness I	Location
Musc	cat Go	vernorate / Bousher / العنيية
Street ALZAI		e English
Way N	lumbe	er
0		
Street	Name	e Arabic
العذيبة		
112		
1127		
N 23.5	95566	

♦ Location on map

#### **▼** CR Contact Information

Qais.Albattashi@zubaircorp.com

94666477

# **்** ∨ CR Capital

250,000.000

0.000

250,000.000

250,000.000

1.000

### **⋅ L ∨** CR Fiscal Information

01/11/2021

12/12/2021

12 December

## **■** ∨ CR Business Activities

Activity ISIC Code	Activity Name
663005	Investment Management
461004	Trading business agencies (excluding portfolio and security exchange)

#### **d ∨** CR Investors

Name Arabic	Name English	Designation	Share Count	Share Percentage
مروان محمد خالد ❤ محمد	MARWAN MOHAMMED KHALED MOHAMMED	Limited Liability Partner	2500	1.000

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Dat	a			
Name Arabic				
مروان محمد خالد محمد				
Date of Birth				
07/05/1978				
Gender				
Male				
Nationality				
Yemen				
Name English				
MARWAN MOHAMI	MED KHALED MOHAMMED			
Investment				
Share Count				
2,500.000				
Designation				
Limited Liability Part	ner			
أركان الدولية الحديثة   لاستثمار	Arkan International Modern	Limited Liability Partner	247500	99.000

للإستثمار

Investment

Name Arabic	Name English	Designation	Share Count	Share Percentage
CR Information				
Name Arabic				
الدولية الحديثة للإستثمار	أركان			
Name English				
Arkan Internation	al Modern Investment			
CR Number				
1400172				
Legal Type				
Limited Liability C	Company			
Country				
Sultanate of Oma	ın			
Registration Dat	re			
03/11/2021				
Investment				
Share Count				
247,500.000				
Designation				
Limited Liability P	Partner			
Authorized Person				
Name English				
		Total Shares	250000	100.000

# **III ♥** CR Authorized Signatories

Name Arabic	Name English	Authorization (Signature) Type	Designation	Authorization Limit
عبدالله محمد 💙 عبدالله النجار	ABDULLAH MOHAMMED ABDULLAH AL NAGGAR	Full (Sole)	Authorized Manager	Unlimited

Full (Sole)

Authorized

Manager

Unlimited

مروان محمد 💙

خالد محمد

MARWAN MOHAMMED

KHALED MOHAMMED

**Authorization** 

**Authorization** 

Name Arabic Name English Authorization Designation Limit Authorization

Applicant Contact Data

Name Arabic

مروان محمد خالد محمد

Date of Birth

07/05/1978

Gender

Male

Nationality

Yemen

Name English

MARWAN MOHAMMED KHALED MOHAMMED

Authorized Signatories Information

**Authorization Type** 

Full

Signature Type

Sole

**Authorization Limit** 

Unlimited

Designation

Authorized Manager

#### **.lı ∨** Licenses

License Reference	ISIC Code - ISIC Description	Place of Activity	Issue Date	Expiration Date
L1606352	663005 - Investment Management	45822264 - North Aludhaybah , Bousher , Muscat Governorate	2021- 11-11	2022-11-11
L1601846	461004 - Trading business agencies (excluding portfolio and security exchange)	45820379 - North Aludhaybah , Bousher , Muscat Governorate	2021- 11-07	2022-11-07

# Annex B. AIMI

## **CR Information**

<b>②</b>	~	CR Commercial Name
لإستثمار	الحديثة ل	أوكان الدولية
Arkan	Intern	national Modern Investment
*	~	CR Legal Type
Limite	d Liabi	ility Company
•	~	CR Registry information
14001	72	
03/11/	2021	
Active		
03/11/	2024	
×	~	CR Address
Ruei	inoss	Location
		العذيبة / vernorate / Bousher العذيبة /
Street	t Name	e English
Way N	lumbe	er
11		
1		
Street	t Name	e Arabic
112		
30		
N 23.5	579817	7
E 58.3	392959	9

♦ Location on map

#### **▼** CR Contact Information

ha509kah@yahoo.com

96960445

## ・ CR Capital

500,000.000

0.000

500,000.000

500,000.000

1.000

#### **→** CR Fiscal Information

03/11/2021

31/12/2021

31 December

#### 

Activity ISIC Code	Activity Name
663005	Investment Management
749029	Finance and Investment Consultancy
461004	Trading business agencies (excluding portfolio and security exchange)

#### **.lı ∨** CR Investors

Name Arabic	Name English	Designation	Share Count	Share Percentage
مروان محمد ✔ خالد محمد	MARWAN MOHAMMED KHALED MOHAMMED	Limited Liability Partner	250000	50.000

Name Arabic	Name English	Designation	Share Count	Share Percentage			
Applicant Contact	Applicant Contact Data						
Name Arabic							
مروان محمد خالد محمد							
Date of Birth							
07/05/1978							
Gender							
Male							
Nationality							
Yemen							
Name English							
MARWAN MOHA	AMMED KHALED MOHAMMED						
Investment							
Share Count							
250,000.000							
Designation							
Limited Liability F	Limited Liability Partner						
عبدالله محمد 💙 عبدالله النجار	ABDULLAH MOHAMMED ABDULLAH AL NAGGAR	Limited Liability Partner	250000	50.000			

عبدالله النجار

ABDULLAH AL NAGGAR

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact	Data			
Name Arabic				
الله محمد عبدالله النجار	ā			
Date of Birth				
01/01/1984				
Gender				
Male				
Nationality				
Yemen				
Name English				
ABDULLAH MO	HAMMED ABDULLAH AL NAG	GAR		
Investment				
Share Count				
250,000.000				
Designation				
Limited Liability	Partner			
		Total Shares	500000	100.000

# **III →** CR Authorized Signatories

Name Arabic	Name English	Authorization (Signature) Type	Designation	Authorization Limit
عبدالله محمد 💙 عبدالله النجار	ABDULLAH MOHAMMED ABDULLAH AL NAGGAR	Full (Sole)	Authorized Partner	Unlimited

Full (Sole)

KHALED MOHAMMED

خالد محمد

**Authorization** 

Unlimited

Partner

**Authorization** 

Name Arabic	Name English	Authorization (Signature) Type	Designation	Authorization Limit
Applicant Contac	ct Data			
Name Arabic				
وان محمد خالد محمد	مرو			
Date of Birth				
07/05/1978				
Gender				
Male				
Nationality				
Yemen				
Name English	1			
MARWAN MOI	HAMMED KHALED MOHAMN	MED		
Authorized Signa	atories Information			
Authorization	Type			
Full	•			
Signature Typ	ee			
Sole				
Authorization	Limit			
Unlimited				
Designation				
Authorized Par	tner			

# **Annex C. NHMI**

# **CR Information**

E 58.362809

•	➤ CR Commercial Name
لإستثمار	شركة الأفق الجديد [
NEW I	HORIZON INVESTMENT COMPANY
*	➤ CR Legal Type
Limited	d Liability Company
•	<b>∨</b> CR Registry information
13889	03
02/06/	2021
Active	
30/05/	2026
×	<b>∨</b> CR Address
Busi	iness Location
Musc	cat Governorate / Bousher / العنبية
Street	Name English
	lumber
18	
1	
Street	Name Arabic
112	
3119	
N 23.5	567567

♦ Location on map

#### **▼** CR Contact Information

qais.albattashi@zubaircorp.com

94666477

## ・ CR Capital

250,000.000

0.000

250,000.000

250,000.000

1.000

#### **→** CR Fiscal Information

30/05/2021

31/12/2021

31 December

#### 

Activity ISIC Code	Activity Name
643001	Investment funds and securities activities (stocks, bond and Sukuks)
461004	Trading business agencies (excluding portfolio and security exchange)
661203	Acquisition of shares for account of a company

#### **.lı ∨** CR Investors

Name Arabic	Name English	Designation	Share Count	Share Percentage
سهام قيس عبدالمنعم ✔ الزواوية	SIHAM QAIS ABDUL MONAIM AL ZAWAWI	Limited Liability Partner	30625	12.250

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Data				
Name Arabic				
سهام قيس عبدالمنعم الزواوية				
Date of Birth				
08/09/1967				
Gender				
Female				
Nationality				
Sultanate of Oman				
Name English				
SIHAM QAIS ABDUL	MONAIM AL ZAWAWI			
Investment				
Share Count				
30,625.000				
Designation				
Limited Liability Partn	er			
فرح رشاد محمد ❤ الزبير	FARAH RASHAD MUHAMMAD ALZUBAIR	Limited Liability Partner	30625	12.250

الزبير

ALZUBAIR

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Data	3			
Name Arabic				
فرح رشاد محمد الزبير				
Date of Birth				
02/08/1997				
Gender				
Female				
Nationality				
Sultanate of Oman				
Name English				
FARAH RASHAD MU	JHAMMAD ALZUBAIR			
Investment				
Share Count				
30,625.000				
Designation				
Limited Liability Partr	ner			
حبيبه رشاد محمد ❤	HABIBA RASHAD MUHAMMAD	Limited Liability	30625	12.250

ALZUBAIR

الزبير

30625

12.250

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Data	3			
Name Arabic				
حبيبه رشاد محمد الزبير				
Date of Birth				
20/05/2002				
Gender				
Female				
Nationality				
Sultanate of Oman				
Name English				
HABIBA RASHAD M	UHAMMAD ALZUBAIR			
Investment				
Share Count				
30,625.000				
Designation				
Limited Liability Partr	ner			
رشاد محمد الزبير ❤	RASHAD MUHAMMAD ALZUBAIR	Limited Liability	127500	51.000

الزبير

ALZUBAIR

51.000

127500

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Dat	а			
Name Arabic				
رشاد محمد الزبير الزبير				
Date of Birth				
16/05/1961				
Gender				
Male				
Nationality				
Sultanate of Oman				
Nama Fundah				
Name English	AD ALZUBAIR ALZUBAIR			
	AD ALZUBAIR ALZUBAIR			
Investment				
Share Count				
127,500.000				
Designation				
Limited Liability Part	ner			
قیس رشاد محمد ❤	QAIS RASHAD MUHAMMAD	Limited Liability	30625	12.250

ALZUBAIR

الزبير

30625

12.250

Name Arabic	Name English	Designation	Share Count	Share Percentage
Applicant Contact Data	ā			
Name Arabic				
قيس رشاد محمد الزبير				
Date of Birth				
20/03/1999				
Gender				
Male				
Nationality				
Sultanate of Oman				
Name English				
QAIS RASHAD MUH	AMMAD ALZUBAIR			
Investment				
Share Count				
30,625.000				
Designation				
Limited Liability Partr	ner			
		Total Shares	250000	100.000

# **III ♥** CR Authorized Signatories

Name Arabic	Name English	Authorization (Signature) Type	Designation	Authorization Limit
رشاد محمد ✔ الزبير الزبير	RASHAD MUHAMMAD ALZUBAIR ALZUBAIR	Full (Sole)	Authorized Partner	Unlimited

**Authorization** 

**Name Arabic** 

Name English

**Authorization** 

Designation

Name Arabic Name English Authorization Designation Limit Authorization

**Applicant Contact Data** 

Name Arabic

قيس بدر عبدالله البطاشي

Date of Birth

10/12/1988

Gender

Male

Nationality

Sultanate of Oman

Name English

QAIS BADAR ABDULLAH AL BATTASHI

Authorized Signatories Information

**Authorization Type** 

Administrative

Signature Type

Sole

**Authorization Limit** 

Unlimited

Designation

**Authorized Manager** 

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License Reference	ISIC Code - ISIC Description	Place of Activity	Issue Date	Expiration Date
L1567388	661203 - Acquisition of shares for account of a company	45805674 - North Aludhaybah , Bousher , Muscat Governorate	2021- 09-23	2022-09-23
L1567952	643001 - Investment funds and securities activities (stocks, bond and Sukuks)	45805674 - North Aludhaybah , Bousher , Muscat Governorate	2021- 10-05	2022-10-05
L1567388	661203 - Acquisition of shares for account of a company	45805674 - North Aludhaybah , Bousher , Muscat Governorate	2022- 09-22	2023-09-22







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