

## Le cyber minacce emergenti e il rischio per i sistemi di Industria 4.0

| Top Threats 2017                              | Assessed Trends 2017  | Top Threats 2018                              | Assessed Trends 2018  | Change in ranking   |
|---|---|---|---|---|
| 1. Malware                                    |    | 1. Malware                                    |    |    |
| 2. Web Based Attacks                          |    | 2. Web Based Attacks                          |    |    |
| 3. Web Application Attacks                    |    | 3. Web Application Attacks                    |    |    |
| 4. Phishing                                   |    | 4. Phishing                                   |    |    |
| 5. Spam                                       |    | 5. Denial of Service                          |    |    |
| 6. Denial of Service                          |    | 6. Spam                                       |    |    |
| 7. Ransomware                                 |    | 7. Botnets                                    |    |    |
| 8. Botnets                                    |   | 8. Data Breaches                              |   |   |
| 9. Insider threat                             |  | 9. Insider Threat                             |  |  |
| 10. Physical manipulation/ damage/ theft/loss |  | 10. Physical manipulation/ damage/ theft/loss |  |  |
| 11. Data Breaches                             |  | 11. Information Leakage                       |  |  |
| 12. Identity Theft                            |  | 12. Identity Theft                            |  |  |
| 13. Information Leakage                       |  | 13. Cryptojacking                             |  | <b>NEW</b>  |
| 14. Exploit Kits                              |  | 14. Ransomware                                |  |  |
| 15. Cyber Espionage                           |  | 15. Cyber Espionage                           |  |  |

Legend: Trends:  Declining,  Stable,  Increasing  
Ranking:  Going up,  Same,  Going down

Table 1- Overview and comparison of the current threat landscape 2018 with the one of 2017

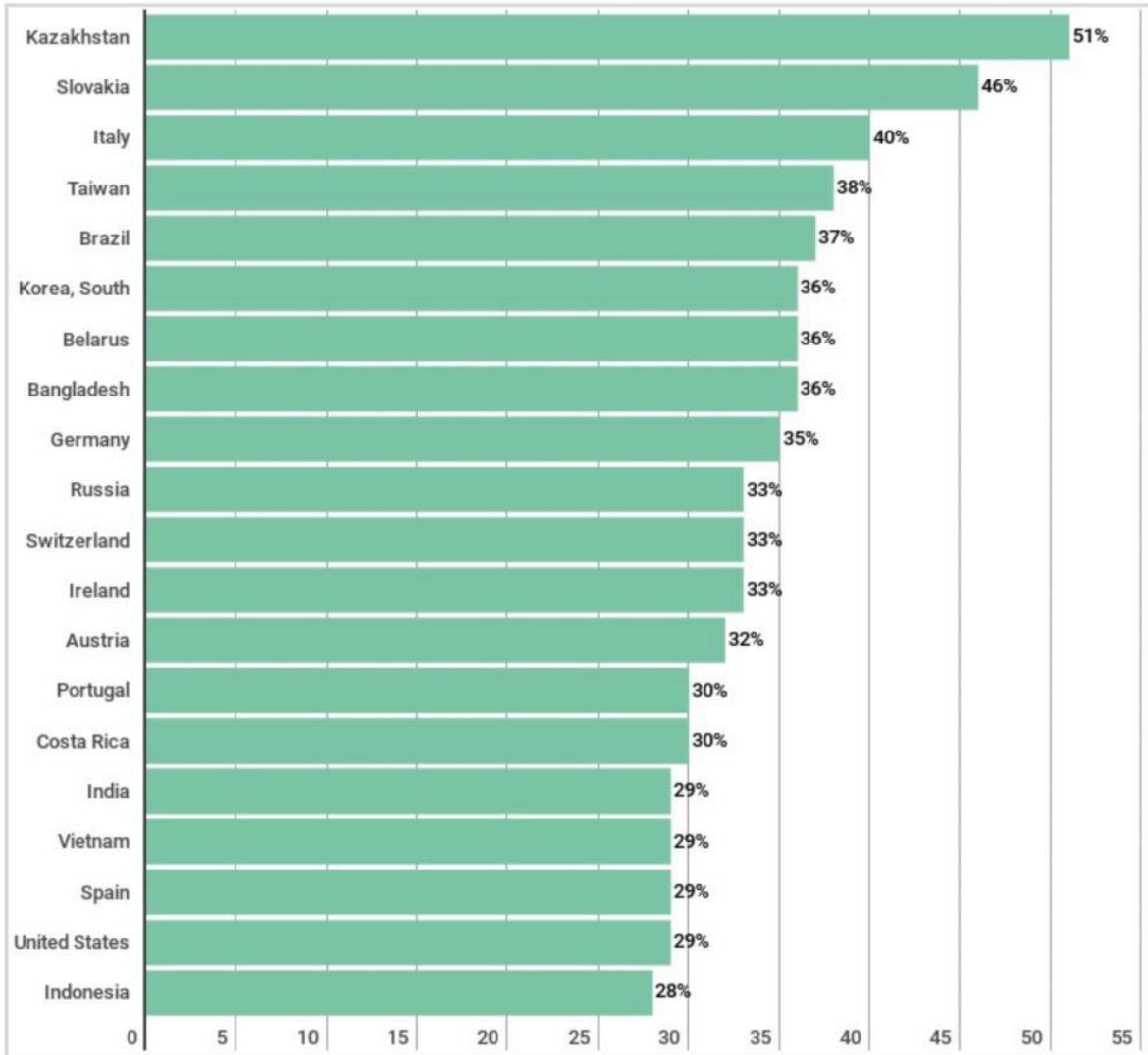


Figure 42: RAT on ICS computers vs. total computers (top 20 countries in H1 2018)<sup>530</sup>