



InTune Vs Windows Virtual Desktop

Both Microsoft InTune + AutoPilot and Windows Virtual Desktop provide secure remote work solutions. **InTune + AutoPilot** are technologies that supplement a traditional network or remote team. **Windows Virtual Desktop** is a cloud first solution, using Cloud Infrastructure as a Service (IaaS).

Benefit	InTune + AutoPilot	Windows Virtual Desktop
Security & Controls	<p>Very Good for company owned computers</p> <p>Limited for BYOD/employee owned devices</p>	<p>Excellent for company owned computers</p> <p>Excellent for BYOD/employee owned devices</p>
Data Protection & Compliance	<p>Yes. All tools, policies and processes required to protect data or meet compliance needs are available.</p> <p>Considered minimum best practice solution.</p> <p>Suitable for small and medium business.</p>	<p>Yes. All tools, policies and processes required to protect data or meet compliance needs are available.</p> <p>Considered gold standard solution.</p> <p>Suitable for small, medium or enterprise business.</p>
New Staff Setup	<p>The company purchases a preconfigured computer using AutoPilot settings, and ships it direct from the manufacturer to the remote employee.</p> <p>The remote employee then only needs to click a few buttons to be fully onboarded with email, security permissions and</p>	<p>The company will never have to purchase another computer.</p> <p>Employees can use their own computer or tablet to connect to the virtual infrastructure with total security. Or use old, repurposed computers as dumb terminals that access the remote desktops.</p>

	<p>applications required for their role. Assets belong to the organization.</p>	
<p>For staff changeover computer failure, or Upgrade/Replace & Data Transfer</p>	<p>Some scheduled downtime is required to wipe and reload computers (approximately 3-4 hours). The employee is unable to work during this time.</p> <p>Requires new computers or licenses and 3-4 hours labour.</p>	<p>Computer wipe and reloads are no longer necessary.</p> <p>A new virtual machine setup (equivalent to wipe and reload in traditional infrastructure) take a few moments within the managed virtual environment.</p> <p>For each staff addition add \$60-\$100 per person for an additional virtual desktop.</p>
<p>Disaster Recovery</p>	<p>Add on options, slower to rebuild.</p>	<p>Built in, near instant.</p>
<p>Scaling For Growth</p>	<p>Across an organization requires managing a fleet of computers and operating systems, purchasing new computers, enrolling the computers in to InTune + AutoPilot.</p> <p>Several hours per computer + hardware and software costs.</p> <p>Lower monthly cloud costs.</p>	<p>Across an organization can be done within minutes in the virtual environment (e.g. spin up new virtual machines, add memory or RAM, upgrade operating systems etc)</p> <p>No hardware costs.</p> <p>Higher monthly cloud costs</p>
<p>Infrastructure Costs</p>	<p>Ongoing hardware costs, lower monthly cloud costs</p>	<p>No/little hardware costs, higher monthly cloud costs</p>
<p>Per Seat Maintenance & Support Costs</p>	<p>Microsoft 365 Business Premium Subscription per user + IT support costs</p>	<p>Microsoft 365 Business Premium Subscription per user + Azure hosting costs + IT support costs</p>

Risks of not having a proper solution in place include:

- Irreplaceable Data Loss
- Data Theft (including internal theft)
- Liability risks
- Compliance, audit and penalty risks
- Virus & ransomware infections which shut down a user or the entire company (for ransomware or major breaches, the average is **19 days of downtime + \$120,000 in costs**)
- Preventable disaster recovery costs

Remember: Preventative measures, systems, policies and controls would need to be fully implemented before a problem occurs. It can not be applied to any use after an issue has occurred. Prevention is key to cyber security.

For a consultation & estimate, please email info@tucu.ca or visit us at tucu.ca to learn more.