

# ISO/IEC TS 8236-1:2025-09 (E)

## Information technology - Provisioning, forecasting and management - Part 1: Data centre IT equipment

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms, definitions, abbreviated terms and symbols .....	1
3.1	Terms and definitions .....	1
3.2	Abbreviated terms .....	2
3.3	Symbols .....	3
4	Data centre IT provisioning .....	4
4.1	Introduction .....	4
4.2	IT provisioning trends .....	4
4.3	IT provisioning forecast .....	5
4.3.1	General .....	5
4.3.2	IT provisioning for public cloud services .....	7
4.3.3	IT provisioning for data centre services .....	7
4.4	New data centre projects .....	7
4.5	Liquid cooled IT platforms .....	7
4.6	IT Platforms .....	8
4.6.1	General .....	8
4.6.2	Compute .....	8
4.6.3	Storage .....	9
4.6.4	Network .....	11
5	Data centre IT provisioning for technology refresh example .....	12
5.1	General .....	12
5.2	Analyse available RUs .....	13
5.3	Analyse available power .....	14
6	Reporting of DCitP .....	14
7	Integration of DCitP with DCfP .....	15
8	Application of DCitP to forecast IT CAPEX and OPEX .....	16
8.1	General .....	16
8.2	In-house data centre CAPEX and OPEX .....	17
8.3	Colocation data centre services and OPEX .....	19
8.4	Managed data centre services CAPEX and OPEX .....	19
8.5	Public cloud services OPEX .....	21
Annex A (informative) Data centre IT provisioning example .....		23
Annex B (informative) Data centre IT provisioning for technology refresh example .....		53
Bibliography .....		55