



Queue Intelligence for Modern Device Workflows

The Challenge

Most device fleets run well below capacity — not because the hardware is lacking, but because the software managing them can't organize jobs efficiently. Jobs sit in queues while capable devices are idle. Work lands on the wrong device because matching logic is manual or static. Batching is either absent or so rigid that setup overhead eats into throughput. The result is wasted equipment capacity, missed SLAs, and a ROI that never matches the investment.

Introducing Qtopia

Qtopia brings intelligent just-in-time batching for XJDF/JDF device fleets while allowing job cross-compatibility. Jobs arrive at each device exactly when it is ready, using secure protocols, matched automatically by capability, availability, and workload, and grouped into efficient batches that minimize setup overhead. The Qtopia User Interface gives operators real-time visibility into queue state, device utilization, and batch progress. The outcome is higher throughput, less idle time, and a stronger return on equipment investment.

Job	Device	Status	Media	Sheet Total	Side Total	Batch ID	Batch Job ID	Batch Job Total	Format	Template	Organization	Production System	State	Device Entry	Device Host	Device Instance
1	Device1	Completed	Plain	42	84	1	1	1	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
2	Device1	Completed	Plain	42	84	28	1	1	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
3	Device1	Completed	Plain	42	84	25	1	1	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
4	Device2	Completed	Plain	10	20	7	1	1	Duplex 4Up	Duplex-4Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
5	Device2	Completed	Plain	40	80	8	1	1	Duplex 1Up	Duplex-1Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
6	Device1	Completed	Plain	42	84	10	2	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
7	Device1	Completed	Plain	14	28	10	3	19	Duplex 3Up	Duplex-3Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
8	Device1	Completed	Plain	20	40	10	4	19	Duplex 2Up	Duplex-2Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
9	Device1	Completed	Plain	42	84	10	5	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
10	Device1	Completed	Plain	10	20	10	6	19	Duplex 4Up	Duplex-4Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
11	Device1	Completed	Plain	42	84	10	7	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
12	Device1	Completed	Plain	40	80	10	8	19	Duplex 1Up	Duplex-1Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
13	Device1	Completed	Plain	42	84	10	9	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
14	Device1	Completed	Plain	14	28	10	10	19	Duplex 3Up	Duplex-3Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
15	Device1	Completed	Plain	20	40	10	11	19	Duplex 2Up	Duplex-2Up	DryBonez	Gtopia	Completed	Mar-XPS17	0	
16	Device1	Completed	Plain	42	84	10	12	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	
17	Device1	Completed	Plain	42	84	10	13	19	Large	JDF	DryBonez	Gtopia	Completed	Mar-XPS17	0	

Qtopia in action — real-time queue management across devices.

Why Qtopia

Just-in-Time & Device-Suitable	Secure Cross-Platform	Strong ROI
<p>Qtopia applies intelligent batching to group jobs efficiently, selecting jobs based on capability, availability, and current workload, and delivers each job to the right device exactly when required — reducing idle time, mismatched assignments, and wasted capacity.</p>	<p>Secure cross-platform means more than operating system support. Qtopia runs natively on Windows and Linux with user interfaces, also available on phones, using secure protocols — but it also bridges XJDF/JDF and XJMF/JMF protocols, so legacy and modern devices operate under one unified routing logic. One codebase, one set of rules — no per-platform integration layers and no protocol silos.</p>	<p>By reducing idle time, increasing throughput through intelligent just-in-time batching, and matching jobs to the most suitable available device, Qtopia maximizes machine utilization across the entire fleet — turning underused capacity into productive output and a strong return on investment.</p>

Request a demo to see Qtopia in action.

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